

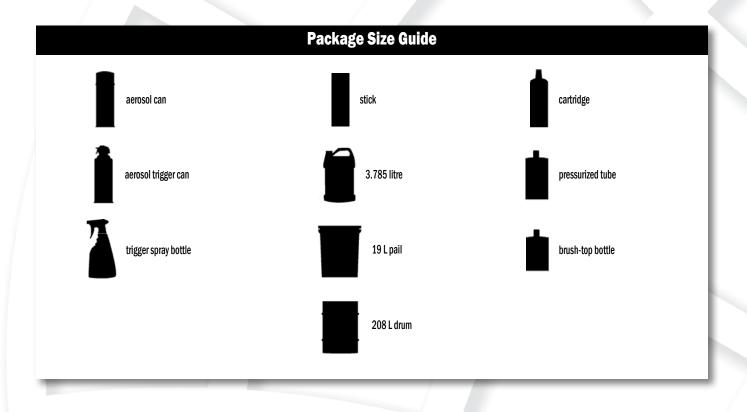
## A WORLD OF SOLUTIONS



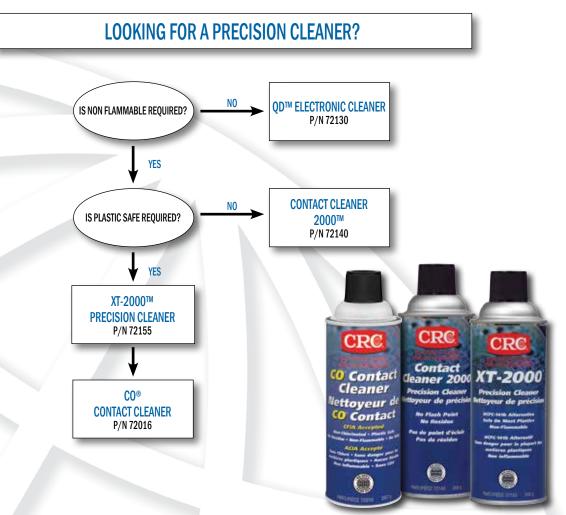
CRC CANADA CO. Providing quality chemicals to Canadian industries for over 25 years. www. crc-canada.ca

# TABLE OF CONTENTS

Precision Cleaners	3
Heavy Duty Cleaners & Degreasers	5
HydroForce® Aqueous Cleaners	8
SmartWasher® Parts Cleaning System	10
Lubricants	
Greases	16
Metalworking	17
Tool & Equipment Oils	17
Corrosion Inhibitors	
Specialty	20
Glossary of Terms	
Index	



## **PRECISION CLEANERS**



#### **CO® CONTACT CLEANER**

Advanced Technology Formula CO Contact Cleaner does not contain known ozone depleting substances or VOCs. Regular use of CO Contact Cleaner will help prevent electrical failures, increase performance and prolong equipment life by dissolving and rinsing away contaminants.

- Non flammable
- Plastic Safe
- Evaporates quickly and leaves no residue
- · Non-chlorinated, non-staining and non-corrosive
- High dielectric strength of 27,600 volts
- · Contains no VOCs
- Contains no Class I or Class II Ozone Depleting Chemicals

Part	Container	Units	
Number	Size	Per Case	
72016	397g aerosol	12	

## CONTACT CLEANER 2000™

#### **Precision Cleaner**

An aggressive general purpose precision cleaner that effectively removes dirt, light oils and other contaminants. It evaporates quickly, leaves no residue, has no flash or fire point.

- Contains no Class I or Class II Ozone Depleting Chemicals
- Fast cleaning action for the removal of dirt, light oils and other contaminants
- Non-conductive and non-corrosive
- · Test on plastics
- High dielectric strength of 30,800 volts
- Accepted for use in Canadian Food Processing Facilities

Part	Container	Units
Number	Size	Per Case
72140	369g aerosol	12

#### XT-2000™ PRECISION CLEANER

A non-flammable, low odour, rapidly evaporating precision cleaner for use in electrical and industrial applications.

Effectively removes dirt, light oils and other contaminants from electronic equipment.

- No flash point
- · Evaporates rapidly leaving no residue
- Chemically stable, non-conductive and noncorrosive
- · Safe on most plastics

Part	Container	Units
Number	Size	Per Case
72155	340g aerosol	12

## **PRECISION CLEANERS**

Units

Per Case

12

 $\mathbf{R}$ 

lectronic

Degreaser

De

## **ELECTRONIC DEGREASER**

Utilizes advanced COzol<sup>®</sup> technology to combine the power of a high performance industrial strength degreaser with the safety that modern regulations demand. The non-chlorinated, non-conductive, noncorrosive, non-staining formula quickly dissolves grease, oil and sludge.

- No flash point
- Evaporates quickly and leaves no residue
- Contains no Class I or Class II Ozone Depleting Chemicals

Container

Size

425g aerosol

D Contac

Cleaner

Nettoyant Contact QD

• Test on plastics

Part

Number

72215

CRC

Freeze Spray

### **QD™ CONTACT CLEANER**

A petroleum distillate and alcohol blended precision cleaner suitable for cleaning sensitive electronics. QD evaporates quickly, leaves no residue. Contains no Class I or Class II Ozone Depleting Chemicals.

• Plastic Safe

Part

Number

72130\*

72131\*

02132\*

CRC

Duster

- Effectively removes soil and other contaminants from electronic components
- Ideal for applications where lower flashpoint solvents can be used

Container

Size

312g aerosol

19L pail

208L drum

Units

Per Case

12

1

1

 Accepted for use in Canadian Food Processing Facilities

## DUSTER

#### Aerosol Dust Removal System

Removes dirt and dust from any surface without damaging sensitive components or surface finish. It delivers a powerful blast of product to remove embedded debris. The extension tube can be used for more precise delivery.

- Non-flammable
- Plastic Safe
- No residue
- Non-abrasive

Part	Container	Units
Number	Size	Per Case
74085	227g aerosol	12

#### FREEZE SPRAY

Aerosol coolant system that instantly freezes surfaces to -60°C, dissipating heat and cooling equipment. Freeze Spray also assists in locating thermal intermittent components, failures and shorts.

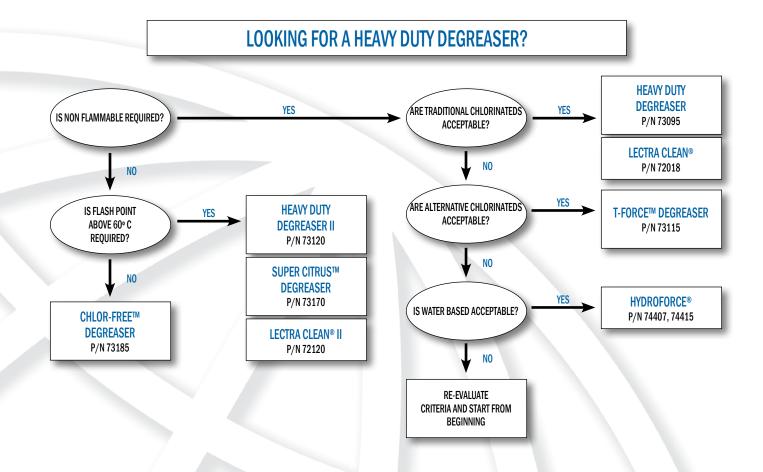
- Non-flammable
- Safe on plastics
- · Dries instantly, leaves no residue
- Non-abrasive
- Contains no Class I or Class II Ozone Depleting Chemicals

Part	Container	Units	
Number	Size	Per Case	
74086	284g aerosol trigger	12	

	<i>i</i> g.		65			salen Paste	s	Ceaning Creating	man WBI
Product	Weof Cleaner	containsOf	FisstPoint	Drying Time	DielectricSt	safe on Plastic	VOCCONTEN	CleaningS	Container Site
CO <sup>®</sup> Contact Cleaner	HFC	None	None	Fast	27,600	Yes	Exempt	<10	1
Contact Cleaner 2000™	HFC/ COzol®	None	None	Fast	30,800	May be harmful to some plastics	730	45	1
XT-2000™ Precision Cleaner	HFC/ COzol®	None	None	Fast	30,200	Safe on most plastics	324	24	1
Electronic Degreaser	Petroleum Distillate	None	None	Fast	12,900	No	633.7	155	1
QD™ Contact Cleaner	Petroleum Distillate/ Alcohol	None	<-18º C TCC	Fast	22,600 (bulk) 36,700 (aerosol)	Yes	669 (bulk) 629 (aerosol)	27	
Duster Aerosol Dust Removal System	HFC	None	None	Fast	ND	Yes	Exempt	<10	1
Freeze Spray	HFC	None	None	Fast	ND	Yes	Exempt	ND	Ì

ODC = Ozone Depleting Compounds; TCC = Tag Closed Cup; PMCC = Pensky Martens Closed Cup; NA = Not Applicable; ND = Not Determined

## **HEAVY DUTY CLEANERS & DEGREASERS**



#### **HEAVY DUTY DEGREASER**

Quickly and effectively removes grease, oil, tar, dirt, grime, corrosion, sludge and other stubborn substances to increase operating efficiency of equipment. Heavy Duty Degreaser offers quick and efficient degreasing action and fast evaporation with no residue. Use caution on plastics.

- No flash or fire point
- Non-corrosive, non-staining and non-conductive
- High dielectric strength of 36,800 volts
- · High cleaning strength of 117 KB
- Contains no Class I or Class II Ozone Depleting Chemicals
- Accepted for use in Canadian Food Processing Facilities

Part Number	Container Size	Units Per Case
73095	539g aerosol	12
03097	19L pail	1
03098	208L drum	1

#### SUPER CITRUS™ DEGREASER

A unique heavy duty degreaser that is extremely effective for dissolving and removing grease, oil, lubricants and contaminants without requiring water wash off and without leaving a residue. Use caution on plastics and paints.

- · d-Limonene and petroleum blended degreaser
- · Moderate evaporation, leaves no residue
- · Non-corrosive, non-abrasive and non-staining
- Pleasant citrus scent
- High dielectric strength of 35,000 volts

-	Part	Container	Units
	Number	Size	Per Case
	73170	425g aerosol	12

#### T-FORCE™ DEGREASER

Utilizes revolutionary technology that combines the power of a high performance, industrial strength degreaser with lower VOC's. T-FORCE Degreaser is non-conductive, non-corrosive, non-staining and has no flash or fire point. It quickly dissolves grease, oil and sludge for more efficient operation of mechanical equipment.

T-FORCE Degreaser evaporates rapidly, leaves no residue and has a good health & safety profile.

- Revolutionary formula does not contain TCE, Perc or nPB
- Reduced VOC formula
- · No flash or fire point
- · Non-corrosive, non-staining and non-conductive
- · High dielectric strength of 39,000 volts
- Contains no Class I or Class II Ozone Depleting Chemicals
- 97 KB

Part	Container	Units	
Number	Size	Per Case	
73115	510g aerosol	12	

# HEAVY DUTY DEGREASERS

#### **HEAVY DUTY DEGREASER II**

An excellent alternative for cleaning applications where chlorinated solvents are not acceptable. Heavy Duty Degreaser II effectively removes soils and cleans surfaces without residue build-up. Use caution on plastics.

- High flashpoint: 82°C
- Non-conductive and non-corrosive
- High dielectric strength of 42,100 volts
- Low odour compound, unlike citrus-based products
- Contains no Class I or Class II Ozone Depleting Chemicals
- 75 KB
- Accepted for use in Canadian Food Processing Facilities

Part Number	Container Size	Units Per Case
73120	425g aerosol	12
03122	19L pail	1
03123	208L drum	1

## CHLOR-FREE™ DEGREASER

#### Non-Chlorinated Degreaser

Innovative heavy duty non-chlorinated degreasing solvent that removes oil, grease and other contaminants. Excellent for use where rapid turn-around is necessary and low flashpoint solvents can be used. Use caution on plastics.

- · Fast drying to help minimize downtime
- · Leaves no residue

Part

- Non-conductive, non-corrosive and non-staining
- Penetrates quickly to remove oil, grease and other contaminants

Container

Units

#### LECTRA CLEAN<sup>®</sup> Heavy Duty Electrical Parts Degreaser

Quickly and effectively removes grease, oil, tar, dirt, grime, corrosion, sludge and other stubborn substances to increase operating efficiency of electric motors and equipment. Use caution on plastics.

- No flash or fire point
- High dielectric strength of 50,500 volts
- Non-corrosive, non-staining and non-conductive
  Contains no Class I or Class II Ozone Depleting
- Chemicals
- · Fast evaporation, leaves no residue

Part Number	Container Size	Units Per Case
72018	539g aerosol	12
02021	19L pail	1
02023	208L drum	1

### GASKET KLEEN™

Fast acting formula. Quickly removes gasket cement, sealers and paint. Eliminates excessive scraping and cleaning.

Part	Container	Units
Number	Size	Per Case
75021*	340g aerosol	12

#### LECTRA CLEAN<sup>®</sup> II Non-Chlorinated Heavy Duty Degreaser

An excellent alternative for cleaning electric motors and equipment where chlorinated solvents are not acceptable. Effectively removes soils and cleans surfaces without residue build-up. Use caution on plastics.

- High flashpoint: 82°C
- Controlled evaporation
- Non-chlorinated, non-conductive and noncorrosive
- High dielectric strength of 42,100 volts
- Low odour compound, unlike citrus-based products
- Contains no Class I or Class II Ozone Depleting Chemicals
- Zero VOC formula
- Accepted for use in Canadian Food Processing Facilities

Part Number	Container Size	Units Per Case
72120	425g aerosol	12
02122	19L pail	1
02124	208L drum	1

## SUPER SOY™ DEGREASER

A unique, non-flammable, biodegradable, heavy-duty degreaser that is extremely effective for dissolving and removing grease, oil, lubricants, adhesives and tar.

- Non-flammable
- · Safe on most plastics
- Low Odour

Part	Container	Units
Number	Size	Per Case
73135	425g aerosol	12



## **HEAVY DUTY DEGREASERS**

	13 <sub>00</sub>		neth (HB)		Dielectric Stre	ingth Nottes)	x	ell'
Product	Weol Cleaner	Cleaning Stre	Fishpoint Fishpoint	Drying Time	DielectricStr	odout	voc Content	ell ContainerSite
Heavy Duty Degreaser	Chlorinated	117	None	Fast	36,800	Strong	677 695	
Super Citrus™	d-Limonene & Petroleum Distillate	54	43° C TCC	Fast	28,400	Citrus	176.3	1
T-Force™	HFC/COzol®	97	None	Fast	33,300	Faint Ethereal	541.0	1
Heavy Duty Degreaser II	Petroleum Distillate/Glycol Ether	75	82º C PMCC	Slow	42,100	Low	0	
Chlor-Free™ Degreaser	Blend of Organic Solvents	106	-18º C TCC	Fast	20,800	Fast	736 767	
Lectra Clean®	Chlorinated	95	None	Fast	50,500	Strong	0	
Gasket Kleen™	Organic Solvents	136	13° C TCC	Fast	ND	Fragrant Solvent	352.4	1
Lectra Clean® II	Petroleum Distillate/Glycol Ether	75	82º C PMCC	Slow	42,100	Low	0	
Super Soy™ Degreaser	Renewable Solvents	82	111º C TCC	Slow	18,900	Mild	75.1	1
Graffiti Remover	Organic Solvents	138	13º C PMCC	Fast	ND	Fragrant Solvent	352.4	
Graffiti & Paint Remover Towels	Aqueous	NA	17º C PMCC	Slow	NA	Plumeria	296	30 Count
Aviation Degreaser	n-propyl Bromide	125	None	Fast	26,800	Strong	1265	
Cable Clean	HFC	97	None	Fast	39,000	Faint Ethereal	1,042.5	1

TCC = Tag Closed Cup; PMCC = Pensky-Martens Closed Cup; NA = Not Applicable; KB = Kauri Butanol

#### **GRAFFITI REMOVER**

Effective graffiti and vandal mark remover. Removes spray paints, marking inks, crayons, scuff marks, lipstick, lacquers, and varnish.

- · Contains no methylene chloride
- · Gelled formula great for vertical surfaces

Part	Container	Units
Number	Size	Per Case
74194	340g aerosol	12

### **AVIATION DEGREASER**

A halogenated solvent-based degreaser that is chemically stable and extremely effective in heavy duty cleaning applications. It is fast acting, non-flammable and evaporates quickly leaving no residue.

- Non-flammable
- Effectively removes corrosion inhibiting compounds
- Removes carbon build-up
- High dielectric strength of 26,800 volts
- Cleans and prepares metal surfaces for painting and adhesive bonding
- Meets performance requirements of Boeing D6-17487 and Douglas CSD-1, Category II with the exception of acrylic crazing

Part	Container	Units
Number	Size	Per Case
70900	510g aerosol	12

## **CABLE CLEAN**

A HFC/CO20l<sup>®</sup> proprietary formula splice and termination cleaner that aggressively removes contaminants from high voltage cables. It is non-conductive, non-corrosive and non-staining.

- Non-flammable
- Removes dirt, adhesives, silicones, anti-oxidation compounds & other contaminants

Part	Container	Units
Number	Size	Per Case
72069	539g aerosol	12

# **AQUEOUS CLEANERS**

#### HYDROFORCE® INDUSTRIAL STRENGTH DEGREASER

Aqueous degreaser with the powerful performance of a solvent. Instantly begins to hunt-down, break-up and lift-off heavy deposits of grease, oil and dirt. It exhibits a unique spreadability that cleans up to four times the surface area of competitive products. Perfect for facilities seeking an alternative to traditional solvents.

- · For solvent strength degreasing
- Non-flammable
- · Safe on most plastics
- · Concentrated, non-abrasive
- Low foaming perfect for hand-held pressure washers & industrial high pressure parts washers
- Use caution on soft metals and painted surfaces

Part Number	Container Size	Units Per Case
74415	946mL pump	12
14417	19L pail	1
14418	208L drum	1

## HYDROFORCE<sup>®</sup> ALL PURPOSE DEGREASER

Versatile enough to use for all degreasing tasks. Breaks-up and lifts-off grease, oil and dirt deposits. Perfect for facilities seeking an improvement over their current allpurpose aqueous degreaser.

- For grease busting strength with maximum versatility
- Non-flammable
- Safe on most plastics
- · Non-corrosive, non-abrasive
- Low-foaming perfect for hand-held pressure washers & industrial high pressure parts washers

Part Number	Container Size	Units Per Case
74407	946mL pump	12
14409	19L pail	1
14410	208L drum	1

#### HYDROFORCE<sup>®</sup> SUPER CITRUS™ HEAVY DUTY DEGREASER

Specially formulated water-dilutable based cleaner. Designed for extremely difficult cleaning jobs found in the industrial and cleaning environment.

- Safe on most plastics
- · Wipes off easily and leaves no residue

Part Number	Container Size	Units Per Case
14441	3.78L bottle	4
14442	19L pail	1

## HYDROFORCE® ZERO VOC GENERAL PURPOSE CLEANER

HYDRFORCE Zero VOC provides maximum regulatory compliance without performance compromises. It is strong enough to attack and remove tough dirt, dust and grime deposits. Yet its moderate pH formula, rapid biodegradability and zero VOC content make it versatile and safe enough to use daily for all your cleaning tasks. Formulated with a special polymer that keeps dirt and greasy soils from returning to surfaces.

- Zero VOC formula
- · Non-flammable, biodegradable, plastic safe
- · Contains no phosphates, ammonia or bleach
- Plastic safe
- Accepted for use in Canadian Food Processing Facilities

Part Number	Container Size	Units Per Case
74446	946mL pump	12
14447	3.78L bottle	4
14448	19L pail	1

#### HYDROFORCE® DISINFECTANT SURFACE CLEANER

Cleans, disinfects and deodourizes in one easy step. The rich, foamy aqueous based formula clings to vertical or inverted surfaces without runs or drips. Contains powerful cleaning agents that instantly lift off and eliminate dirt, dust, grease and grime.

- · Non-flammable, non-corrosive, non-abrasive
- · Controls mold and mildew
- Effective disinfectant against HIV, Staph, Salmonella and certain other bacteria
- · Leaves no sticky residue

### HYDROFORCE® GLASS CLEANER PROFESSIONAL STRENGTH

Versatile enough to use on your most delicate glass surfaces, but strong enough to quickly cut through the toughest dirt, dust, fingerprint and haze deposits without streaking. Its ammonia-fortified formula contains a foaming agent for greater coverage and less run-off when cleaning vertical surfaces. HYDROFORCE Glass Cleaner is nearly twice as effective at eliminating streaks as other leading brands.

- For professional strength, streak-free glass cleaning
- · Biodegradable, ready to use
- · Non-abrasive foaming action
- Non-flammable, non-ozone depleting
- Accepted for use in Canadian Food Processing Facilities

Part	Container	Units
Number	Size	Per Case
74411	946mL pump	12

#### HYDROFORCE® CITRUS HD DEGREASER

Specially formulated and designed for extremely difficult cleaning jobs found in the industrial environment.

- · Dissolves grease, oil, ink, and grime
- · Safe on most plastics
- · Wipes off easily and leaves no residue
- Pleasant scent
- Accepted for use in Canadian Food Processing Facilities

Part	Container	Units
Number	Size	Per Case
74440	425g aerosol	12



## **AQUEOUS CLEANERS**

#### GREEN FORCE® MULTI-PURPOSE CLEANER



Formulated to meet strict environmental requirements without sacrificing performance. Safe, versatile product for all cleaning needs. It effectively cuts greasy films and soils, leaving surfaces sparkling clean.

- U.S. EPA Design for Environment (DfE) recognized
- · Biodegradable, concentrated, low odour
- Low VOC content
- Non-flammable

Container Size	Units Per Case
3.78L bottle	4
19L pail	1
208L drum	1
	Size 3.78L bottle 19L pail

#### GREEN FORCE® HEAVY DUTY CLEANER



An environmentally preferable alternative to conventional water based solvent cleaners and degreasers. It quickly removes petroleum based soils such as grease, grime and oil found in manufacturing and warehouse environments. Extremely effective against protein type soils found in food processing plants and institutional kitchens.

- U.S. EPA Design for Environment (DfE) recognized
- Performs like a traditional solvent
- Biodegradable, concentrated, low odour
- Low VOC content
- Non-flammable

Part Number	Container Size	Units Per Case
74455	3.78L bottle	4
14456	19L pail	1
14458	208L drum	1

#### GREEN FORCE® GLASS & SURFACE CLEANER



Ideally suited to clean soiled glass and other hard surfaces. Effectively cuts greasy films and soils leaving surfaces sparkling clean.

- U.S. EPA Design for Environment (DfE) recognized
- · Biodegradable, concentrated
- Low VOC content
- Non-ammoniate, non-abrasive, non-flammable

Part Number	Container Size	Units Per Case
74460	946mL pump	12
	(ready to use)	
74461	3.78L bottle	4

Product	Typed Cleanet	4	FlashPoint	Biodegradable	Oton	container STE
HydroForce® Industrial Strength Degreaser	Alkaline H <sub>2</sub> 0 Surfactant	13.1 (bulk)	None	No	Pleasant	
HydroForce® All Purpose Degreaser	H <sub>2</sub> 0 Surfactant	9.5 (bulk)	None	Yes	Pleasant	
HydroForce® Zero VOC General Purpose Cleaner	H <sub>2</sub> 0 Surfactant	10.25	None	Yes	Mild	
HydroForce® Disinfectant Surface Cleaner	H <sub>2</sub> 0	12.4	None	No	Floral/Ammonia	1
HydroForce® Glass Cleaner Professional Strength	H <sub>2</sub> O Ammonia Surfactant	8.5 to 10.5	None	Yes	Ammonia	1
HydroForce <sup>®</sup> Citrus HD Degreaser	Solvent in Water Emulsion	10	None	Yes	Citrus	1
HydroForce <sup>®</sup> Super Citrus™ Heavy Duty Degreaser	Solvent Based Dilutable in H <sub>2</sub> O	ND	87.8°C TCC	No	Citrus	
Green Force® Multi-Purpose Cleaner	H <sub>2</sub> 0 Surfactant	10 to 11	None	Yes	Bland	
Green Force® Heavy Duty Cleaner	H <sub>2</sub> 0 Surfactant	3.5 to 4.5	None	Yes	Citrus	
Green Force® Glass & Surface Cleaner	H <sub>2</sub> 0 Surfactant	7.3 to 7.9	>100°C TCC	Yes	Bland	
Stainless Steel Cleaner & Polish	Solvent/Oil in H <sub>2</sub> O Emulsion	10.5	None	No	Slight Petroleum	1
Glass Cleaner	H <sub>2</sub> 0 Surfactant	9.7	None	Yes	Ammonia	

## SMARTWASHER® PARTS CLEANING SYSTEM

#### STAINLESS STEEL CLEANER & POLISH

Using an exclusive ultra shine formula, HYDROFORCE Stainless Steel Cleaner & Polish eliminates dirt, dust, fingerprints and watermarks and leaves behind a protective, non-greasy barrier that resists the return of these stains.

- Industrial strength
- Non-flammable
- Ready to use
- · Non-corrosive and non-ozone depleting
- Accepted for use in Canadian Food Processing Facilities

Part	Container	Units
Number	Size	Per Case
74424	510g aerosol	12

#### **GLASS CLEANER**

Versatile enough to use on your most delicate glass surfaces, but strong enough to quickly cut through the toughest dirt, dust, fingerprint and haze deposits without streaking. Its ammonia-fortified formula contains a foaming agent for greater coverage and less run-off when cleaning vertical surfaces. CRC Glass Cleaner is nearly twice as effective at eliminating streaks as other leading brands.

- For professional strength, streak-free glass cleaning
- Non-abrasive foaming action
- Non-flammable, non-ozone depleting
- Biodegradable

ettoval

VITTE

• Accepted for use in Canadian Food Processing Facilities



#### **SMARTWASHER®**

SmartWasher is a self-contained, self-cleaning system that is completely safe, non-toxic and generates no hazardous waste-without compromising cleaning ability. SmartWasher uses the process of bioremediation – the accelerated break down of organic compounds such as grease, grime, varnish, oil, carbon and other heavy industrial soils through the use of nonpathogenic microbes.

The microbes, suspended in fluid that recirculates through the unit, literally eat their way through soils, converting them into harmless water and Carbon Dioxide (CO<sub>2</sub>).

The solution remains clean and reusable. Disposal becomes a non-issue, as hazardous waste streams are eliminated. This non-hazardous process does away with the need for regulatory paperwork.

The SmartWasher System consists of a sturdy, impact resistant, self-contained washing unit with a flexible nozzle and brush that direct warmed cleaning fluid for parts washing.

The fluid works in conjunction with a special microbe impregnated filter to effectively clean the dirtiest parts. Both units require 95L of SmartWasher fluid and one filter for start-up.

#### **SMARTWASHER®** 41

Has a large 20cm H x 104cm W x 61cm D sink that removes for easy cleaning, and side mounted electronic control panel.

Part

Part Number

14145

Number Size

14144 124cm H x 119cm W x 91cm L

#### **SMARTWASHER® 28**

Has an 20cm H x 71cm W x 43cm D sink that removes for easy cleaning, and a side mounted electronic control panel.

Size

#### SMARTWASHER® CLEANING SOLUTION

Aqueous, pH neutral, non-corrosive, non-flammable, biodegradable and contain no VOCs. Solutions work in conjunction with filters when warmed to 41°C by the units.

#### **INDUSTRIAL GRADE**

• Removes the toughest industrial soils with minimal odour.

Part	Container	Units
Number	Size	Per Case
14148	19L jug	1

### **AUTOMOTIVE & INK GRADE**

Removes printers ink and automotive carbon and varnishes.

Part	Container	Units
Number	Size	Per Case
14156	19L jug	1

#### SMARTWASHER® PREMIUM GRADE FILTER

Remove dirt and residue particles down to 50 microns. Filter must be used for proper cleaning and operation of SmartWasher System. Works with all fluids and contains 50% more microbes for maximum bioremediation.

Part	Units
Number	Per Case
14147	6



### PENETRATING

#### KNOCK'ER LOOSE™ PENETRATING SOLVENT

An industrial strength, low viscosity lubricant and penetrant designed to quickly loosen and free seized, bound or frozen fasteners. It quickly dissolves rust, scale, gum, grease and corrosion. KNOCK'ER LOOSE eases the disassembly of machinery, tools and equipment for routine maintenance and emergency repairs.

- Outperforms the competition
- Lubricating residue prevents corrosion

Part Container		Units
Number Size		Per Case
73020	369g aerosol	12

#### **PENETRATING OIL**

A no-compromise penetrant that attacks corrosion to free corroded fasteners and mechanical components. A super-fast, powerful, concentrated penetrating solvent that loosens and cleans. Instantly penetrates minute and tightly fitted crevices.

- · Instantly creeps into minute crevices
- · Attacks rust and corrosion on contact

#### SCREWLOOSE™ SUPER PENETRANT

Quickly penetrates through rust and corrosion to rapidly free corroded bolts, screws, fasteners, pins and bound mechanisms. Its clear no mess formula eases disassembly of mechanical equipment, fittings and fixtures.

- Facilitates fast and easy disassembly of mechanical components, fittings, and other fasteners
- Clear formula contains no dyes and leaves no mess

Part	Container	Units	
Number	Size	Per Case	
75330	312g aerosol	12	

## FREEZE-OFF®

#### **Super Penetrant**

- Freezes and cracks rust for deep penetration and fast results
- Dissolves rust, gum and corrosion
- Lubricating film residue displaces water and prevents corrosion
- Low VOC formula

10

Part Number	Container Size	Units Per Case	Part Number	Container Size	Units Per Case
		Per Case	75222	326g aerosol	12
73060	312g aerosol	12			

Product	1/PE	Type of Fin	Color	360° 5010,	FalexInt	Fashpom	Container
Knocker Loose™	Petroleum	Non-Drying	Reddish	Yes	NA	52° C COC	1
Penetrating Oil	Petroleum	Wet	Amber	Yes	ND	43° C TCC	1
Screwloose™ Penetrating Oil	Petroleum	Wet	Amber	Yes	NA	43° C TCC	1
Freeze-Off® Super Penetrant	Petroleum	Non-Drying	Reddish	Yes	NA	54º C TCC	
Thread Lubricant	Lithium	Grease	Amber	NA	NA	167.8° C TCC	
3-36®	Petroleum	Non-Drying	Amber	Yes	1500	77º C TCC 89º C TCC	
Dry Lube	PTFE	Dry, Micro-Thin	White	No	NA	-7º C TCC	
2-26® Multi-Purpose Precision Lubricant	Petroleum	Thin, Non-Drying	Amber	Yes	1,500 Lbs.	89° C TCC	1
Roll-Up Door Lubricant	Petroleum	Non-Drying	Blue-Green	Yes	1,500 Lbs.	76.7º C TCC	

TCC = Tag Closed Cup; COC = Cleveland Open Cup; NA = Not Applicable

A general purpose lubricant that prevents the seizing and galling of threaded surfaces caused by corrosion. Safe for use on ferrous and non-ferrous metals.

- Will not compromise integrity of soft metals
- Facilitates fast & easy disassembly

Part	Container	Units
Number	Size	Per Case
73925	227g bottle	

## **MULTI-PURPOSE**

## 3-36<sup>®</sup> Multi-Purpose Lubricant and Corrosion Inhibitor

Multi-purpose lubricant, penetrant and corrosion inhibitor forms a clear, thin film that lubricates, prevents corrosion, displaces moisture and penetrates. 3-36 drives out moisture and leaves a thin, long lasting film to protect against corrosion.

- Lubricates, penetrates and loosens corrosion
- · Penetrates corrosion to loosen frozen parts
- Lubricates without leaving a sticky residue
- Accepted for use in Canadian Food Processing Facilities

Part Number	Container Size	Units Per Case	
73005	312g aerosol	12	
73009	19L pail	1	
73011	208L drum	1	



### **DRY LUBE**

A multi-purpose, micro-thin film containing PTFE. Penetrates and bonds to most surfaces including metal, wood, rubber, plastic and glass. It prevents sticking, reducing friction and wear.

- · Resists dirt and dust build-up
- Seals out moisture and provides a barrier film that inhibits corrosion
- Wide temperature range (-40°C to 232°C)
- Ultra low coefficient of friction

Part	Container	Units	
Number	Size	Per Case	
73044*	284g can	12	

#### 2-26<sup>®</sup> MULTI-PURPOSE PRECISION LUBRICANT

Plastic safe lubricant, penetrant and corrosion inhibitor that helps prevent electrical malfunctions caused by water penetration, humidity, condensation or corrosion.

- · Plastic safe, will not harm modern plastics
- Restores resistance valves and helps stop current leakage

Part	Container	Units	
Number	Size	Per Case	
72005	312g aerosol	12	

## **ROLL-UP DOOR LUBRICANT**

Prevents friction and wear. Its unique viscosity allows it to cover more surface area and penetrate deep into the surface of all metal components found on roll-up and overhead doors.

- Displaces moisture, improves equipment life
- Accepted for use in Canadian Food Processing Facilities

Processing Facilities				
Part Number	Container Size	Units Per Case		
74029	312g aerosol	12		

## **FOOD PLANT**

#### FOOD PLANT SILICONE LUBRICANT

Multi-purpose silicone spray for food processing and handling applications. It forms a colorless, odourless, non-staining film that lubricates and insulates in most metal to non-metal applications.

- Harmless to most rubbers and plastics
- Wide effective temperature range (-40°C to 204°C)
- Excellent release agent and lubricant for all surfaces
- · Reduces galling and friction
- Accepted for use in Canadian Food Processing Facilities

Part Number	Container Size	Units Per Case	
73040*	284g aerosol	12	
73041*	19L pail	1	
03042*	208L drum	1	

## FOOD PLANT MACHINE OIL

Extremely efficient and effective general purpose lubricant for use on food processing equipment. Food Plant Machine Oil penetrates and loosens rust, scale, dirt and corrosion to free parts and fasteners. Zero VOC formula.

- Contains no silicone and is virtually odourless
   and colorless
- Will not harm metal, wood, plastic or painted surfaces
- Accepted for use in Canadian Food Processing Facilities

Part	Container	Units
Number	Size	Per Case
73081	312g aerosol	12

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Product	1Me	Typeoffin	Color	360 59181	FashPoint	OFIA ACCEPTES	containerSL
Food Plant Silicone	Silicone	Dry	Clear	Yes	<-18º C TCC	Yes	
Food Plant Machine Oil	Petroleum	Non-Drying	Clear	Yes	95.6° C TCC	Yes	1
Belt Dressing	Petroleum	Tacky	Amber	No	<-18º C TCC	Yes	1
Food Plant Penetrating Oil	Mineral Oil	Thin, Oily, Non-Drying	Clear	Yes	95.6° C TCC	Yes	
Water Based Silicone	Silicone	Silicone	White	No	None	Yes	1
Food Plant Chain Lube	Mineral Oil	Non-Drying	White	No	>188° C COC	Yes	

TCC = Tag Closed Cup; COC = Cleveland Open Cup; NA = Not Applicable

### **BELT DRESSING**

Provides a temporary, food grade, synthetic treatment for worn belts. Extends belt life by reducing slippage, hardening, glazing, dirt build-up and friction. Belt Dressing can be

used on leather, rubber, canvas or fabric, and is ideally suited for flat, round and V-belts. Improves traction and reduces belt tension, relieving stress on motors, shafts and wheels.

- · Tacky, non-drying, water-resistant film
- Minimizes drive belt slippage, resists water washoff, maintains belt flexibility and prevents loads from slipping on conveyor systems
- Colorless will not stain finished goods transported on conveyor systems
- Accepted for use in Canadian Food Processing Facilities

Part	Container	Units	
Number	Size	Per Case	
73065*	284g aerosol	12	

#### FOOD PLANT PENETRATING OIL

An effective and efficient general purpose lubricant for use on food processing equipment.

- Colorless, odourless, tasteless
- Zero VOC formula

Part

Number

73086

Plant

licone

Silicone

pour usine alimentaire

· Eases disassembly of mechanical equipment

Container

Size

312g aerosol

Units

Per Case

12

CRC

Belt Dressin

Cour

CRC

in & Wire

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Hmile

de Usi liment

• Accepted for use in Canadian Food Processing Facilities

#### WATER BASED SILICONE

A non-flammable multi-purpose silicone lubricant for food processing and handling applications. It eliminates sticking & binding and is safe to use on most plastics.

- Reduces gauling and friction
- · Harmless to most rubbers and plastic
- Accepted for use in Canadian Food Processing Facilities

Part	Container	Units	
Number	Size	Per Case	
73035	369g aerosol	12	

## FOOD PLANT CHAIN LUBE

Blend of synthetic lubricants and mineral oil to keep roller drive and conveyor chains lubricated.

- Provides convenient aerosol package where incidental food contact may occur
- · Contains anti-wear properties to extend chain life
- Accepted for use in Canadian Food Processing Facilities

Part Number		
73056	340g aerosol	12

### **HEAVY DUTY**

#### POWER LUBE W/PTFE High-Performance Lubricant

High performance, multi-purpose lubricant with the benefits of PTFE to provide long lasting lubrication and protection against friction, wear and corrosion. Power Lube will increase the life and operating efficiency of parts and equipment, as well as withstand extreme load carrying situations.

- Contains PTFE for long-lasting protection
- Displaces moisture and seals out corrosion
- Surpasses 4,500 lbs on Falex Load Test (ASTM D-3233)

Part	Container	Units
Number	Size	Per Case
73045*	312g aerosol	12

#### **EXTREME DUTY SILICONE**

Premium grade silicone fluid that exhibits superior lubrication and temperature viscosity characteristics. Use Extreme Duty Silicone on all metallic and nonmetallic surfaces.

- Reduces friction and galling even on metal-tometal contact areas
- High temperature (-73°C to 232°C), high pressure (withstands 1200 lbs. Falex test)
- Clear, non-staining, odourless film resists moisture

Part Number		
73030*	284g aerosol	12

### **CHAIN & WIRE ROPE LUBRICANT**

Specifically formulated blend of synthetic lubricants and an organic molybdenum, anti-wear additive that penetrates deep, and leaves

a tough film that lubricates and protects. Reduces wear caused by friction and corrosion.

- Resists water wash-off and high-temperature sling off
- Absorbs pin/bushing shock and cushions rollers, pins and bushing
- Can be applied with guards in place to eliminate costly downtime
- Accepted for use in Canadian Food Processing Facilities

Part	Container	Units
Number	Size	Per Case
73050*	284g aerosol	

CRC

Power

Lube

Water

Based

Silicone

te à base d'e

 $\mathbf{CRC}$ 

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#### DRY MOLY LUBE

Specially formulated dry film lubricant incorporating a concentrated dispersion of molybdenum disulfide (MoS2). Dry Moly Lube lowers friction, prevents galling and helps to reduce torque and energy consumption.

- High anti-friction and anti-seizure properties
- · Lubricant resists high temperatures (up to 343°C), high pressure, water and chemical attack
- · Fast drying film resists dirt and dust build-up
- Non-conductive

· Harmless to most plastics, rubbers and metals

#### WHITE LITHIUM GREASE

High-purity, high-quality, NLGI Grade 2 white lithium-based aerosol grease that provides superior lubrication and durability in any weather or temperature. Excellent as a break-in lubricant for bearings, and for general purpose lubrication and corrosion protection of machinery, tools and equipment.

- · Excellent heat and water resistance
- · Contains rust and oxidation inhibitors for superior metal protection
- · Protects with a tough, high viscosity film
- · White color allows for easy visual inspection of film coverage

Part	Container	Units	Part	Container	Units
Number	Size	Per Case	Number	Size	Per Case
73084*	312g aerosol	12	73200*	284g aerosol	12

### **HEAVY DUTY CLEAR** PENETRATING GREASE

High tack, clear lubricating gel provides superior lubrication and withstands high temperatures and pressures. Penetrates deep to form a tenacious, long-lasting film and is resistant to acids, alkalis, salt, oxidation, weather and steam. This heavy duty clear penetrating gel can extend the operating service life of equipment and reduce wear, galling and scarring.

Contains PTFE

10

- Withstands high temperature (up to 260°C) and pressure
- Waterproofs and prevents corrosion
- · Penetrates to form a thick, long-lasting film
- Accepted for use in Canadian Food **Processing Facilities**

Part	Container	Units	
Number	Size	Per Case	
73156*	369g aerosol	12	

Product	the	Weoffin	color	360 51181	FalexImpoli	hest point	ContainerSite
Power Lube	Petroleum/PTFE	Non-Drying	Light Amber	No	4500	<-7° C TCC	1
Extreme Duty Silicone	Silicone	Dry	Clear	No	1200	<-18° C TCC	1
Chain & Wire Rope Lubricant	Organic Molybdenum	Non-Drying	Clear	No	NA	<-18° C TCC	1
Dry Moly Lube	Molybdenum Disulfide	Dry	Dark Gray	No	ND	<-18° C TCC	1
White Lithium Grease	Lithium Soap	Wet	White	No	NA	<-7° C TCC	1
Heavy Duty Clear Penetrating Grease	Petroleum	Oily	Clear	No	ND	<-4º C TCC	1
Extreme Duty Open Gear Lube	Petroleum Oil	Tacky	Black	No	ND	221º C TCC	1
Di-Electric Grease	Silicone-Based	Non-Drying	White	No	NA	-6° C TCC (aerosol) >260° C	11
Nickel Anti-Sieze	Nickel	Non-Drying	Silver-Gray	NA	NA	221º C COC	
Copper Anti-Sieze & Lubricating Compound	Copper	Wet	Copper	NA	ND	221º C COC	
Chute Lube™ Lubricant	Silicone-based	Wet	Clear	No	ND	<-18º C COC	

TCC = Tag Closed Cup; COC = Cleveland Open Cup; NA = Not Applicable

#### EXTREME DUTY OPEN GEAR LUBE

A heavy duty, extreme pressure lubricant recommended for reducing friction and wear in harsh environments. Resists heat and pressure, will not wash or wear off because of weather.

- · Exceptional "stay put" characteristics
- · Contains Moly and Graphite

Part	Container	Units
Number	Size	Per Case
73058	340g aerosol	12

#### **DI-ELECTRIC GREASE**

Unique, non-curing silicone compound used for electrical sealing, lubricating, protecting and insulating. Di-Electric Grease waterproofs electrical connections and components to protect against arcing due to moisture and other contaminants.

- Improves electrical performance during adverse conditions such as rain, fog, salt spray and temperature extremes
- · Excellent lubricant for rubber and plastic parts
- Wide temperature range (-56°C to 204°C)

Part Number	Container Size	Units Per Case	
73082*	284g aerosol	12	
75106	94g pressurized tube	12	

### NICKEL ANTI-SEIZE & LUBRICATING COMPOUND

Nickel-based formulation that is free of copper, lead, sulfides and chlorides. Protects metal-to-metal applications from seizing and galling caused by high temperatures, heavy loads, vibration, chemicals and corrosion.

- Copper-free formulation for use where a clean, chemically inert and stable lubricant is required
- High temperature resistivity protects parts up to 1315°C
- Electrically conductive does not insulate and interrupt current flow
- Safe for use on both ferrous and non-ferrous metals
- Will not harden heat aging won't affect lubricity of product
- Resistant to mild detergents and alkaline wash to protect against rust and corrosion

Part	Container	Units
Number	Size	Per Case
72911	227g brush-top bottle	12

#### COPPER ANTI-SEIZE & LUBRICATING COMPOUND

A general purpose anti-seize lubricant that prevents seizing caused by high temperature, heavy loads, vibrations and corrosion.

- Copper based, safe for use on ferrous and nonferrous metals
- Temperature resistant up to 982° C
- Electrically conductive does not insulate or interrupt current flow
- Accepted for use in Canadian Food Processing Facilities

Part Number	Container Size	Units Per Case
72901	227g brush-top bottle	12
72095	340g aerosol	12

### CHUTE LUBE™ LUBRICANT

A silicone spray formulated specifically for package handling applications. Eliminates the binding and sticking of packages and boxes while protecting most surfaces.

- Colorless, odourless, non-staining
- Harmless to most rubbers and plastics
- Good surface contact in wet conditions
- Low surface tension allows for better coverage and deeper penetration
- Accepted for use in Canadian Food Processing Facilities



## GREASES

#### LITHIUM GENERAL PURPOSE GREASE

- Lithium base, NLGI #2 grease
- Extremely stable, designed for light duty applications
- Excellent water resistance
- Typical drop point: 177°C

Part	Container	Units
Number	Size	Per Case
73310	397g cartridge	10

#### MOLY-GRAPH™ E.P. Multi-Purpose Grease

- Lithium based, NLGI #2 grease • "Moly" and graphite help establish a fine micron
- plating on all working surfacesMaintains 45 lb Timken OK Load
- Typical drop point: 177°C

Part	Container	Units
Number	Size	Per Case
73330	397g cartridge	10

#### STA-PLEX™

#### E.P. Premium Red Grease

- Extremely versatile lithium complex, NLGI #2 grease with excellent high temperature lubrication
- Protects against rust and oxidation
- Typical drop point: 260°C

Part	Container	Units
Number	Size	Per Case
73190	397g cartridge	10

#### BEARING GREASE

- Aluminum complex, NLGI #2 grease
- Excellent water resistance
- Superior rust and corrosion protection
- Typical drop point: 260°C

Part	Container	Units
Number	Size	Per Case
73312	397g cartridge	10

## **FOOD PLANT GREASE**

#### **Multi-Purpose**

- Aluminum complex, NLGI #2
- Appropriate for food processing and handling equipment
- Will not pound out of bearings and bushings during shock loads
- Accepted for use in Canadian Food Processing Facilities

Part	Container	Units
Number	Size	Per Case
73600	397g aerosol	10



## **METALWORKING, TOOL & EQUIPMENT OILS**

## METALWORKING

#### KOOL TAP<sup>™</sup> FOAMY Cutting Fluid

Excellent extreme duty cutting fluid developed for ease of application. Works well on both ferrous and non-ferrous metals. Foaming action penetrates deep into the cut to extend cutting tool life and promote a superior finish.

- Easy application
- · Foam thoroughly coats cutting tool
- · Contains no 1,1,1-Trichloroethane

Part	Container	Units
Number	Size	Per Case
74410	369g aerosol	12

### KOOL TAP™ AQUA Cutting Fluid

A suitable replacement for solvent or oil-based cutting fluids. KOOL TAP AQUA is a water-soluble cutting fluid that exhibits excellent cooling and lubrication properties. Works exceptionally well in machine tools containing water-soluble coolants. Emulsifies with the coolant without causing contamination.

- Water-soluble, suitable replacement for solvent or oil-based cutting fluids
- · Ideal for ferrous and non-ferrous metals

Part	Container	Units
Number	Size	Per Case
73440	473mL bottle	12

#### KOOL TAP<sup>™</sup> AL Cutting Fluid

Outstanding lubricity and cooling properties designed specifically for use in cutting aluminum and its alloys. Developed as a direct replacement for 1,1,1-Trichloroethane-based cutting fluids.

- Exceptional cooling and lubricity in cutting aluminum and its alloys
- Evaporates quickly, leaves little residue
- Low VOC content

Part	Container	Units
Number	Size	Per Case
73460	473mL bottle	12

## CUTTING OIL

Superior thread cutting lubricant for use on all types of both ferrous and non-ferrous metals, including brass, copper and aluminum.

- Reduces heat and friction to ease cutting and increase cutting tool life
- Sulfur-free, low odour formula
- Excellent anti-weld properties
- Foaming aerosol formulation clings to vertical surfaces

Part	Container	Units
Number	Size	Per Case
73500	340g aerosol	12

## **TOOL & EQUIPMENT OILS**

#### **AIR TOOL OIL**

- · Lubricates and protects pneumatic equipment
- Increases torque; assures long tool life
- · Reduces rust, varnish, sludge and acids

Part Number	Container Size	Units Per Case
74095	444mL bottle	12
SL2533	3.785L bottle	4

### **COMPRESSOR OIL**

- Helps promote longer life in all types of reciprocating and rotary compressors
- Solvent refined and clay filtered for long lasting, anti-foul operation
- Cleans valve seat deposits as they form
- · Prevents ring sticking, reduced wear

Part	Container	Units
Number	Size	Per Case
75133	3.785L bottle	4

#### **RUST REMOVER**

A safe, effective, fast acting formula. Removes rust, not metal. No sand blasting or heavy wire brushing required. Leaves metal clean and ready to paint, plate or powder coat.

- Safe acid technology not harmful to skin
- No heavy fumes or bad odours
- Low VOC



## **CORROSION INHIBITORS**

### SP-250<sup>™</sup> CORROSION INHIBITOR

Corrosion inhibitor will not emulsify, even in the presence of alkali. Use for process parts drying and protection of all metals. Protects parts subject to high humidity conditions.

- Thin, non-staining dry film protects indoors for up to 9 months
- · Forces moisture to bottom of dip tanks for easy removal and re-use
- · Use as an anti-corrosion coating for shrink wrapped parts and moisture displacement for finished parts

Part	Container	Units
Number	Size	Per Case
03226	19L pail	1

### SP-300<sup>™</sup> CORROSION INHIBITOR

Unique blend of solvents, oils and corrosion inhibitors that exhibits excellent corrosion resistance. Quickly displaces moisture, excess water-based coolants and grinding compounds. Provides a thin, non-drying protective film that protects indoors up to 9 months.

- · Effective on all metal surfaces
- · Provides superior protection from "fingerprint" corrosion

Part Number	Container Size	Units Per Case
03246	19L pail	1
03248	208L drum	1

## SP-350<sup>™</sup> CORROSION INHIBITOR

Provides both superior lubrication and heavy duty corrosion protection for metal parts and assemblies that are stored indoors. SP-350 promotes easy start-up of stored equipment. Use as a protective coating for assemblies in storage or in shipment.

- Displaces moisture and protects all metals with a thin non-drying film
- · Protects equipment and parts in storage, shipment and in process for up to 2 years indoors
- High pressure lubricant that withstands up to 1,250 lbs of pressure in Falex test method

Part Number	Container Size	Units Per Case
73262	312g aerosol	12
03266	19L pail	1
03268	208L drum	1

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Product	FIM WAS	Application	conosion Pro	Drive Ine	stechtatons	Container Size
SP-250™	Ultra-Thin, Non-Staining, Dry	Indoors – Up to 9 Months	Light	1 Hour	MIL-C-16173 Grade 3, Class I	
SP-300™	Ultra-Thin	Indoors – Up to 9 Months	Light	Non-Drying		
SP-350™	Thin Oil	Indoors – Up to 2 Years	Moderate	Non-Drying		
SP-400™	Transparent, Amber, Waxy	Indoors & Outdoors - Up to 2 Years	Heavy	1 Hour	MIL-C-16173 Grade 4, Class I	
Salt Terminator® Engine Flush, Cleaner & Corrosion Inhibitor	Blue Liquid	Engine Flush	Light Duty	Slow	-	
Zinc Mate™	Zinc, Dry	Outdoors – 1-2 Years	Heavy	15-30 Minutes	Aerosol: MIL-P-46105 (MR) Paragraph 3.2, 3.3.1, 3.5.8, 4.4.5; MIL-P 21035 (SHIPS) Paragraph 3.3.1, 3.3.2, 3.3.3; DOD-P- 21035A (NAVY) Paragraph 3.1, 3.2, 3.5.3, 3.5.6, 4.4.3, 6.1, 6.5, 353; & MIL-T- 26433	1
<b>Bright Zinc</b>	Zinc, Dry	Outdoors - Up to 1 Year	Moderate	15-30 Minutes	-	1
Seal Coat Red	Brick Red, Dry	NA	Light	15-30 Minutes	-	
Seal Coat Clear	Clear, Dry	NA	Light	15-30 Minutes	-	1
Battery Terminal Protector	Soft, Visible Waxy	Indoors - Up to 2 Years	Moderate to Heavy	Non-Drying	-	

NA = Not Applicable

# **CORROSION INHIBITORS**

## SP-400<sup>™</sup> CORROSION INHIBITOR

Long-term indoor/outdoor corrosion inhibitor for machined surfaces and assemblies subjected to long periods of storage or adverse shipping conditions. Removable film provides protection of all equipment subject to heat, humidity, chemicals or severely corrosive atmospheres.

- · Firm, waxy film is highly resistant to humidity and salt spray and never becomes brittle
- Long term protection (up to 2 years outdoors) for all metals during shipment or extended storage
- · Waxy film seals out moisture completely

Part Number	Container Size	Units Per Case
73282*	284g aerosol	12
73286	19L pail	1
03288	208L drum	1

### **BATTERY TERMINAL PROTECTOR**

Apply to battery terminals to provide a soft, dry, leadfree protective coating that keeps moisture, salts and road grime from corroding metal contacts. Enhances battery life and power by preventing corrosion-related leakage.

- Soft, flexible film completely encapsulates exposed surfaces and will not become brittle, crack or peel
- · Red color provides easy visual inspection of application
- · Dries quickly and protects instantly
- Prevents hard starts and battery failure
- Use with Battery Cleaner (#75097)

Part	Container	Units
Number	Size	Per Case
75046*	213g aerosol	12

#### SALT TERMINATOR® **ENGINE FLUSH, CLEANER & CORROSION INHIBITOR**

Cleans and protects anything exposed to salt (saltwater, salt air, road salt). Dissolves salt and leaves a protective coating to inhibit corrosion. Essential as a motor flush for marine engines in both saltwater and freshwater environments.

- · Safe to use on any surface exposed to salt including fiberglass, steel, aluminum, glass, magnesium, isinglass, wood, chrome, plastic and rubber
- · No scrubbing required
- Non-toxic environmentally friendly
- 76320 includes mixer; mixer attaches to garden hose

Part Number	Container Size	Units Per Case
76128	3.78L	6
76320	946mL	6

### SALT TERMINATOR® MIXER UNIT

Automatically dilutes the Salt Terminator concentrate and siphons it through a standard garden hose.

· Attach mixer to a standard garden hose to dilute formula for easy application on large areas or connect the host to a marine engine flushing unit to flush the cooling system

Part	Container	Units
Number	Size	Per Case
SXMXR	1 mixer unit	12



## **SPECIALTY PRODUCTS**

#### ZINC MATE™

High-performance coating of 92% pure zinc that electrochemically bonds with ferrous metals to form a galvanic cell. ZINC-MATE is an excellent touch-up for damaged galvanized coatings.

• A

ctively fights rust and corrosion with a film of 92% pure zinc

- Protects base metal even when scratched, abraded, or dented
- Fast-drying, dries to the touch in 15 minutes
- · Excellent weldability

Part	Container	Units
Number	Size	Per Case
73054*	369g aerosol	12

### **BRIGHT ZINC MATE™**

Epoxy-ester based, light duty sacrificial zinc coating that inhibits corrosion and provides the beauty of a high shine bright metallic finish. Recommended for touch-up and repair of bright finish, hot-dip galvanized surfaces.

- Protects base metal even when scratched or abraded
- · Fast-drying, dries to the touch in 15 minutes

Part	Container	Units
Number	Size	Per Case
73055*	369g aerosol	12

#### SEAL COAT Urethane Coating

Provides a conformal polyurethane coating that insulates electrical equipment and seals out water and moisture. Clear formulation allows for visualization of equipment; Red provides striking contrast.

- Dries quickly to a hard, durable, flexible and nonconductive film
- High dielectric strength, high surface and volume resistivity make it ideal for electrical/electronics applications
- Effective temperature range of -67°C to 121°C
- Abrasion resistant insulator for electrical and electronic equipment and components

Part Number	Container Size	Units Per Case
72044*	312g aerosol (red)	12
72049*	312g aerosol (clear)	12

#### BATTERY CLEANER WITH ACID INDICATOR

Instantly detects leaks and neutralizes acid. Designed to remove corrosion quickly and economically while neutralizing acid spills. Use to restore battery output and reduce voltage leakage due to contaminants.

- · Assures maximum battery current flow
- · Promotes longer battery life
- Yellow foam turns pink upon contact with acid
- Use CRC Battery Terminal Protector (#75046)
   for extended protection

Part	Container	Units
Number	Size	Per Case
75097	312g aerosol	12

### **SEALANTS & ADHESIVES**

#### FOAM

#### **Minimal Expansion Aerosol Sealant**

Polyurethane foam designed to fill, seal, bond, retrofit, insulate and deaden sound in and around cracks and cavities. It forms a permanent, waterproof and airtight bond to masonry, wood, glass, metal & most plastics.

- Stops drafts, dust, moisture, insects and rodents
- When cured, foam can be sanded, painted or stained
- The low expansion formula expands 50% when fully cured
- Cured foam insulates to R-5 for each inch of foam
- UL® classified as a caulking sealant
- Foam and propellant are non-flammable
- Convenient 360° valve can be sprayed from any position

Container

Size

340g aerosol

• Reusable for up to 30 days after initial use

Part

Number

74077

### MINUTE MEND™ Epoxy Putty

Permanently repairs scratches, gouges and holes in drums, tanks, pipes, castings, molds, sinks, tubs and leaky gaskets. Perform routine electrical jobs such as mounting terminal blocks, packing wires and repairing breaker boxes. Ideal for stopping leaks, can even be used under water. Can be used in plumbing, electrical, ceramic, vehicle and machinery repair.

- Specially formulated to bond to both wet and dry surfaces and can even be applied under water
- A two-part epoxy putty packaged in a convenient one piece stick
- Ready to use in less than one minute
- Can be tapped, sawed, drilled, machined, stained or painted

Part	Container	Units
Number	Size	Per Case
74070	114g stick	24

#### **RTV SILICONE PRESSURIZED TUBES**

- Revolutionary packaging that's a convenient alternative to caulking tubes
- Dispenses a uniform bead for consistent results
- Pressurized package keeps silicone fresh so it won't dry out
- Self-sealing plug Simply pull out to re-use the product

Part Number	Container Size	Units Per Case
74055	Clear 205.53g tube	12
74056	White 205.53g tube	12
74059	Red 248g tube	12



## **SPECIALTY PRODUCTS**

### **WORKER SAFETY**

#### **BUG BLAST™**

#### Wasp & Hornet Killer

Fast-acting, high strength insecticide that knocks down and kills wasps, hornets and yellowjackets on contact. Contains no chlorinated solvents and is safe to use on most plastics.

- Dense, accurate spray reaches over 6.1m
- High dielectric strength of over 41,000 volts

Part	Container	Units
Number	Size	Per Case
72010	397g trigger aerosol	12

## **SMOKE TEST® BRAND**

#### **Smoke Detector Tester**

Convenient, easy and safe product to test the functional ability of a smoke detector. SMOKE TEST also checks for obstructions or debris, which clog detector vents and prevents smoke from properly entering the sensing chamber.

- Simulates smoke to provide a true, functional test for smoke detectors
- Aerosol spray extends user reach up to 183cm, allows testing to be done while standing safely on the floor
- No harmful residue, plastic safe, non-staining

#### **MECHANIX ORANGE® Citrus Lotion Hand Cleaner** with Pumice

Formulated with the natural cleaning power of citrus. This fast, yet gentle hand cleaner is pH balanced, highly concentrated and very effective at cleaning the toughest soil, grime, ink, oil and paint. Use with or without water.

- · Contains no harsh solvents
- · Biodegradable formula
- · Fortified with pumice for deep cleaning power
- · Conditions skin to leave hands feeling clean and
- fresh

•	Fresh	citrus	scent	

Part Number	Container Size	Units Per Case	
74090	474mL bottle	12	
74091	3.785 bottle	4	

## LEAK DETECTOR

Formulated for the quick and easy site detection of gas leaks and air leaks. The water-based formula contains no oils, silicones or harmful solvents.

· Applications: refrigeration units, air conditioning systems, valves, pipes, exhausts

		l residue, plastic safe, no o Class I or Class II Ozo		Part Number 74503	Container Size 510g aerosol	Units Per Case 12	<ul><li>Assures fast, e or humid clima</li><li>Upper cylinder cold starts</li></ul>
	Part Number 72105*	Container Size	Units Per Case	1.			<ul><li>Effective to -5</li><li>For diesel and</li><li>Complies with</li></ul>
	/2105*	71g aerosol	12	CRC	and the second se	2C ak ector	Part Number 75671*
			CRC MECHANI ORANG ITRUS LOTION HA CLEANER NETTOYANT A MAI AUX AGRUMES		éte	ctor ctew with CRC CCC-O	ICE-OFF™ Windshield Sp • Melts ice, snov • Harmless to ca • Thaws frozen • Effective to su
CRC ITV Silico Idesive & See Silicone R Manual et scol Annon Attent	Nicone F Nicone F Nicone F Nicone Ni						Part Number 75346
				w	ww.crc-canada.ca	a	

## EQUIPMENT

#### SURE SHOT® REUSABLE SPRAYER

· An all-metal, one quart, reusable air-pressurized sprayer. For use with most bulk lubricants, solvents and corrosion inhibitors.

Part	Container	Units
Number	Size	Per Case
14016	946mL sprayer	1

## **EMPTY TRIGGER BOTTLE**

• New 710mL design improves stability while Level III fluorination provides maximum durability. Features blank lines and charts for product and safety information.

Part	Container	Units	
Number	Size	Per Case	
14021	710mL sprayer	12	

## WINTER PRODUCTS

#### **JUMP START®**

#### Starting Fluid w/ Lubricity

- · Assures fast, economical starts in extremely cold nates
- ler lubricant minimizes wear during
- -54°C
- d gasoline engines
- th ULSD fuel requirements

Part	Container	Units
Number	Size	Per Case
75671*	312g aerosol	12

#### pray De-Icer

- ow and frost on contact
- car finish
- n locks
- sub-zero temperatures

Part	Container	Units
Number	Size	Per Case
75346	340g aerosol	12

## **GLOSSARY OF TERMS**

#### BIODEGRADABLE

A substance that is capable of being broken down into harmless products by the action of living things. The rate at which compounds may be chemically broken down by bacteria and/or natural environmental factors.

#### **BRITTLE POINT**

Temperature at which a material breaks under defined conditions of deformation.

#### **CLASS I OZONE DEPLETERS**

Chlorinated solvents including carbon tetrachloride, 1, 1, 1-Trichloroethane and CFCs (Freon). Since 1993, these products have required special labeling and have been banned from manufacture by the EPA.

#### CLASS II OZONE DEPLETERS

Products that contain HCFCs like HCFC-141b and HCFC-225. The production and importation phase out date is January 1, 2003 and January 1, 2015 respectively.

#### DIELECTRIC STRENGTH

The minimum electrical gradient that a material can withstand without decomposition usually specified in volts per millimeter of thickness. Also known as the breakdown voltage.

#### ELONGATION PERCENT

Directly related to Tensile Strength. Elongation is the deformation that results from the application of a tensile force and is calculated as the change in length divided by the original length.

#### EMULSION

A mixture of water-soluble and water-insoluble groups held together by a surfactant. Emulsions are usually milky white.

#### EXTREMELY FLAMMABLE

A flashpoint at or below -18° C as determined by Tagliabue Open Cup Tester. Or, for an aerosol, if the flame travels back to the actuator (flashback) or if product has a flame projection >100cm.

#### FALEX TEST

A method for determining the extreme pressure (EP) or anti-wear properties of oils and greases. Vee blocks (with large "V-shaped notch) are placed on opposite sides of rotating steel shaft, and the apparatus is immersed in the test lubricant. Load is automatically increased until seizure occurs. Measurable wear scars are formed on the blocks.

#### FERROUS

Metals related to or containing iron.

#### FLAMMABLE

Capable of catching fire easily and burning rapidly. WHMIS defines flammable liquids as having a flashpoint below 37.8° C.

#### FLASH POINT

The lowest temperature of a liquid or solid at which it gives off vapors that will ignite but not continue to burn when a small flame is periodically passed over the surface.

#### GALLING

Destructive wear of a metal surface characterized by large chunks of metal being removed.

#### **KB VALUE**

The Kauri Butanol (KB) value is a measure of the solvent power of a hydrocarbon liquid. Kauri gum is readily soluble in butanol but insoluble in hydrocarbons. The KB value is the measure of the volume of solvent required to produce turbidity in a standard solution containing kauri gum dissolved in butanol. The higher the KB value, the more powerful the solvent.

#### NLGI GRADE

#### National Lubricating Grease Institute.

A common reference to the measure of used consistency of a particular grease. The most common consistency number is #2. Softer grades, especially #0 and #1, are often used for improved pumpability or low-temperature service. High consistency numbers, #3 through #6 are used for certain high-speed bearings where leakage and sealing are particular concerns.

#### NON-FERROUS

Metals that contain no iron.

#### pН

A scale ranging from 0 to 14 used to measure acidity and alkalinity. The lower the number the more acidic; the higher the number, the more alkaline; 7 is neutral.

#### PSI

Pound per Square Inch. A unit of pressure equal to the pressure resulting from a force of 1 pound applied uniformly over an area of 1 square inch.

#### SAE

#### Society of Automotive Engineers.

#### SUBSTRATE

The surface being cleaned; the substrate may be metal, plastic, ceramic, etc.

#### SURFACTANT

A specialized molecule that connects water soluble and water-insoluble groups.

#### **TENSILE STRENGTH**

The strength of different metals to support different loads (masses) before going through the point at which they change from being elastic to being plastic. The tensile strength test measures the elastic and plastic properties of metal.

#### TIMKEN OK LOAD

The highest load than can be applied without abrasive wear to a rotating test cup containing a grease sample. The higher the OK number, the better protection a grease provides under severe service. The highest number typically given to any sample is 80.

#### VISCOSITY

The resistance to flow or degree of thickening fluid. Flow requires stress; liquids such as additive-free lubricating oils are known as Newtonian fluids in that shear rate is proportional to the pressure or stress applied. This proportion is the coefficient of viscosity.

#### VOCS

Volatile Organic Compounds. A class of chemicals that contain carbon and have the potential to form ground-level ozone (smog). Many common items including gasoline,

oil-based paints and alcohols produce VOCs.

# **CRC PRODUCT INDEX**

2-26 <sup>®</sup> Multi-Purpose Precision Lubricant.	12
3-36 <sup>®</sup> Multi-Purpose Precision Lubricant.	12
Air Tool Oil.	17
Aviation Degreaser	7
Battery Clearner with Acid Indicator	20
Battery Terminal Protector	
Bearing Grease	
Belt Dressing	13
Bright Zinc Mate <sup>TM</sup>	
Bug Blast <sup>TM</sup> Wasp & Hornet Killer	21
Cable Clean	
Chain & Wire Rope Lubricant	13
Chlor-Free™ Degreaser	
Chute Lube <sup>TM</sup> Lubricant.	
CO <sup>®</sup> Contact Cleaner.	
Compressor Oil.	
Contact Cleaner 2000 <sup>TM</sup>	
Copper Anti-Sieze & Lubricating Compound	
Cutting Oil.	
Di-Electric Grease.	
Dry Lube	
Dry Moly Lube	
Duster	
Electronic Degreaser	
Empty Trigger Bottle	
Extreme Duty Open Gear Lube.	
Extreme Duty Silicone	
Foam Minimal Expansion Aerosol Sealant	
Foar Uninna Expansion Actosof Scalant	
Food Plant Grease.	
Food Plant Machine Oil	
Food Plant Machine On	
Food Plant Silicone	
Freeze Off <sup>®</sup> Super Penetrant.	
Freeze Spray	
Gasket Kleen™	
Graffiti Remover	
GreenForce <sup>®</sup> Glass & Surface Cleaner.	
GreenForce <sup>®</sup> Heavy Duty Cleaner	
GreenForce <sup>®</sup> Multi-Purpose Cleaner	
Heavy Duty Clear Penetrating Grease	
Heavy Duty Degreaser	
Heavy Duty Degreaser II	
HydroForce <sup>®</sup> All Purpose Degreaser	
HydroForce <sup>®</sup> Citrus HD Degreaser	
HydroForce® Disinfectant Surface Cleaner	
HydroForce <sup>®</sup> Glass Cleaner	8

HydroForce <sup>®</sup> Industrial Strength Degreaser	
HydroForce <sup>®</sup> Super Citrus <sup>™</sup> Heavy Duty Degreaser	8
HydroForce <sup>®</sup> Zero VOC General Purpose Cleaner	8
Ice Off <sup>TM</sup> Windshield Spray De-Icer	21
Jump Start <sup>®</sup> Starting Fluid w/ Lubricity	21
Knock'er Loose <sup>™</sup> Penetrating Solvent	11
Kool Tap™ AL	17
Kool Tap™ Aqua	17
Kool Tap <sup>TM</sup> Foamy	17
Leak Detector	21
Lectra Clean <sup>®</sup> Heavy Duty Electrical Parts Degreaser	6
Lectra Clean <sup>®</sup> II Non-Chlorinated Heavy Duty Degreaser	6
Lithium General Purpose Grease.	16
Mechanix Orange <sup>®</sup> Citrus Lotion Hand Cleaner	21
Minute Mend <sup>TM</sup> Epoxy Putty	20
Moly-Graph™ E.P. Grease	16
Nickel Anti-Seize & Lubricating Compound.	
Penetrating Oil	
Power Lube	13
QD <sup>TM</sup> Contact Cleaner	4
Roll-Up Door Lubricant	12
RTV Silicone	
Rust Remover	17
Salt Terminator <sup>®</sup> Engine Flush, Cleaner & Corrosion Inhibitor	19
Salt Terminator <sup>®</sup> Mixer Unit	19
Screwloose <sup>TM</sup> Super Penetrant	11
Seal Coat	
SmartWasher®	10
Automotive & Ink Grade Cleaning Solution	10
Industrial Cleaning Solution	10
Premium Grade Filter	10
Smoke Test <sup>®</sup>	21
SP-250 <sup>TM</sup>	18
SP-300 <sup>TM</sup>	18
SP-350 <sup>TM</sup>	18
SP-400 <sup>TM</sup>	19
Sta-Plex <sup>TM</sup> E.P. Premium Red Grease	16
Stainless Steel Cleaner & Polish	10
Super Citrus™ Degreaser	5
Super Soy™ Degreaser	7
Sure Shot Reusable Spray	21
T-Force <sup>TM</sup> Degreaser	5
Thread Lubricant	11
Water Based Silicone.	13
White Lithium Grease	14
XT-2000 <sup>™</sup> Precision Cleaner	3
Zinc Mate <sup>TM</sup>	20



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mining



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