

CC LUBE™

CLEAR, CLEAN, SEMI-SYNTHETIC MULTIPURPOSE LUBRICANT

DESCRIPTION

CC LUBE™ is a state-of-the-art, semi-synthetic, multi-purpose lubricant that combines an aluminum complex thickener for extreme water resistance with the latest synthetic ingredients and PTFE to create a totally transparent, long-lasting, high lubricity lubricant with unequalled quality and performance.

CC LUBE is clear, clean, colorless, nonstaining, nondrying, biodegradable and unsurpassed in reducing friction, extending machine and equipment life and preventing the formation of rust and corrosion over a broad temperature range of 0°F (-18°C) to 400°F (204°C). **CC LUBE** is NSF (H-1) Registered for use in Federally Inspected Meat and Poultry Plants.

- Nontoxic, Nonstaining
- Clear, Clean Lubricant
- Nondrying Formula
- Colorless/Odorless
- Contains PTFE
- NSF (H-1) Registered
- Prevents Rust, Corrosion
- Biodegradable
- Extremely Water Resistant
- Reduces Friction
- Available in Other Grades

APPLICATIONS

May be safely used on a variety of food processing equipment. **CC LUBE** is designed to eliminate hot water wash-out and has anti-bacterial additives to eliminate bacterial culturing. It may be used safely on a variety of surfaces including metal, plastic, rubber (viton, neopreen, buna & HSN), vinyl, stainless steel and nylon. **CC LUBE** is an ideal lubricant for roller, pillow block, needle and plain bearings that are used in cooking, processing and packaging of food products. It is a clear lubricant and will not stain cotton, polyester or Mylar fabrics.

Bearings	Conveyors
Bushings	Bottling equipment
Gears	Belting for baking ovens
Valves	Food processing machinery

NSF (H-1) Reg. #048221
Conforms to FDA Regulations CFR 21 Section
178.3570 for Incidental Food Contact.

PRODUCT CHARACTERISTICS

Thickener	Aluminum Complex
Fluid Type	White Oils & Synthetics
Color/Appearance	Clear
Dropping Point (ASTM D-566)	500°F (260°C)
Specific Gravity	0.88
Density (lb/gal)	7.3
Additive Type	Organic, R&O, PTFE
Flash Point (ASTM D-92)	>430°F (221°C)
Autoignition Point (CALCULATED)	>500°F (260°C)
NLGI Grade	2
Penetration @77°F (ASTM D-217)	285-315
Copper Strip Corrosion (ASTM D-4048)	1A
Shell 4-Ball (ASTM D-2596)	
Weld Point, kgf	126
Load Wear Index	25
Wear Scar Diameter (ASTM D-2266)	0.7
Oxidation Resistance (ASTM D-942)	
PSI Drop, 100 hours	<5.0
Base Oil Viscosity (ASTM D-445)	
cSt @ 40°C	100 - 150
cSt @ 100°C	14.3 typ.

PACKAGING

Code No.	Container Size	Container
70550	14 oz.	Cartridge
70516	35 lb.	5 gal. drum
70524	120 lb.	15 gal. drum
70529	400 lb.	50 gal. drum

LIMITED WARRANTY

Jet-Lube, Inc. makes the Limited Express Warranty that at the date of delivery, this product shall be free from defects in Jet-Lube, Inc. materials and workmanship.

This Limited Express Warranty is expressly in lieu of any other express or implied warranties, including any implied warranty of merchantability or fitness for a particular purpose, and of any other obligation on the part of Jet-Lube, Inc.

The sole remedy for breach of the Limited Express Warranty shall be the refund of the purchase price. All other liability is negated and disclaimed, and Jet-Lube, Inc. shall not be liable for incidental or consequential damages.

CORPORATE LOCATIONS



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DK-2900 Hellerup
Tel: +45 70 26 70 07
CVR 32659470
www.reinhardoil.dk

JET-LUBE, INC.

MATERIAL SAFETY DATA SHEET

Product Name: CC LUBE™
Chemical Family: Synthetic & white mineral oil
Use: Food machinery grease for use in food contact applications.

Supplier:



ReinhardOil.dk
 Helleruplund Alle 8
 DK-2900 Hellerup
 Tel: +45 70 26 70 07
 CVR 32659470
 www.reinhardoil.dk

I

II

Hazardous Components	CAS No.	Wt%	OSHA PEL	ACGIH TLV	Other Limits of Exposure
Nonhazardous Blend	82980549/8042475 9003296/9002840 68411461/122394 68037014	100	UN	UN	UN

III

Main Hazards–Health Effects

Eyes: May cause irritation. **Inhalation:** Viscous nature may block breathing passages if inhaled. **Ingestion:** May cause diarrhea.
Skin: For hypersensitive persons, may irritate the skin after prolonged periods of contact.

IV

Eyes: Flush with water until all residual material is gone. If irritation persists, seek medical help. **Inhalation:** Clear air passage. If respiratory difficulty continues, seek medical help. **Ingestion:** Wash out mouth immediately. Consult physician. **Skin:** Wash thoroughly with hand cleanser, followed by soap & water. Contaminated clothing should be dry cleaned before reuse.

V

Extinguishing Media: Foam, dry powder, Halon®, carbon dioxide, sand, earth & water mist. **Unsuitable Extinguishing Media:** Water jet.
Protective Equipment for Fire fighting: Self-contained breathing apparatus.

VI

Personal Precautions: Wear gloves & protective overalls. **Environmental Precautions:** **Spillage:** Scrape up bulk, then wipe up remainder with cloth. To prevent walking hazard, pick up remaining residue with diatomaceous earth.

VII

Handling: Do not allow it to enter drains (it may clog drain). **Storage:** Do not store at elevated temperatures.

VIII

Respiratory Protection: None needed. **Hand Protection:** Protective gloves for hypersensitive persons.
Eye Protection: Glasses, if applied to parts in motion. **Body Protection:** Overalls.

IX

Physical State: Semisolid paste **Color:** Clear water white/yellow **Odor:** Petroleum **pH:** Neutral **Boiling Range/Point °F (°C):** <600 (316)
Melting Point °F (°C): 500 (260) **Flash Point (COC) °F (°C):** 430 (221) **Autoignition Temperature °F (°C):** >500 (260)
Explosive Properties: LEL: 0.9% UEL: 7% **Evaporation Rate (Butyl Acetate):** <0.01 **Partition Coefficient (Log Pow):** N/A
Vapor Pressure (kPa): <0.01 **V.O.C. Content:** Nil **Density (g/cm³):** 0.88 **Flammability:** Not flammable at ambient temperature.
OAR Value: N/A **Oxidizing Properties:** None **Water Solubility:** Nil **Vapor Density:** >5

X

Stability: Chemically stable under normal conditions. No photoreactive agents. **Conditions to Avoid:** Powerful sources of ignition and extreme temperatures. **Materials to Avoid:** Strong inorganic & organic acids, oxidizing agents. **Hazardous Decomposition Products:** Burning generates smoke, airborne soot, hydrocarbons and oxides of carbon. Residue mainly comprised of soot & oxides.

XI

Acute Toxicity: Not known. **Irritancy–Skin:** Very mild. **Skin Sensitization:** Not known. **Subacute/Sub-chronic Toxicity:** Not known.
Genotoxicity: None known. **Chronic Toxicity:** None known. **California Prop 65:** N/A **Carcinogen:** NTP: No IARC: No OSHA: No
EC Classification (67/548/EEC): No **LC-50:** >4000mg/kg—extrapolated from component data (Mysidopsis Bahia). **LD-50:** Not applicable

XII

Possible Effects: None
Behavior: Relatively well behaved. Bioaccumulation potential nil.
Environmental Fate: Highly unlikely to cause widespread contamination. Nontoxic to marine or land organisms.

XIII

Product Disposal: Do not incinerate. Contact waste disposal company or local authority for advice. **Container Disposal:** Pails without liner—see Product Disposal section above. Pails with plastic liner—pail may only be disposed of via standard waste disposal services, recycled or reused. **Liner—**see Product Disposal section above.

XIV


Not classified as hazardous for transport. **D.O.T.:** Nonhazardous **UN No.:** Nonhazardous **Air Transport (ICAO & IATA):** Nonhazardous
Sea Transport (IMO & IMDG): Nonhazardous **Road & Rail Transport (ADR/RID):** Nonhazardous

XV

Labeling Information: None needed **EC Annex 1 Classification:** Not Applicable. **R Phrases:** R22—harmful if swallowed.
S Phrases: None applicable, as known. **Ozone Depleting Chemicals:** Not applicable. **TSCA:** All components are listed.
WHMIS (Canada): Not controlled. **Canadian DSL:** All components listed. **40 CFR Part 372 (SARA Section 313):** N/A
CERCLA: Nonhazardous **RCRA Hazard Class:** Nonhazardous **SARA 311/312:** None **TSCA 12B Components:** None

XVI

New Jersey Right To Know: See Section II

Signature: 
Prepared by: Donald A. Oldiges
Date Issued: August 23, 2010

As of issue date, the information contained herein is accurate and reliable to the best of JET-LUBE'S knowledge. JET-LUBE® does not warrant or guarantee its accuracy or reliability and shall not be liable for any loss or damage arising out of the use thereof. It is the user's responsibility to satisfy itself that the information offered for its consideration is suitable for its particular use.

LEGEND	
I.	IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY
II.	COMPOSITION INFORMATION ON INGREDIENTS
III.	HAZARDS IDENTIFICATION
IV.	FIRST AID MEASURES
V.	FIRE FIGHTING MEASURES
VI.	ACCIDENTAL RELEASE MEASURES
VII.	HANDLING AND STORAGE
VIII.	EXPOSURE CONTROL/PERSONAL PROTECTION
IX.	PHYSICAL AND CHEMICAL PROPERTIES
X.	STABILITY AND REACTIVITY
XI.	TOXICOLOGICAL INFORMATION
XII.	ECOLOGICAL INFORMATION
XIII.	WASTE DISPOSAL
XIV.	TRANSPORT INFORMATION
XV.	REGULATORY INFORMATION
XVI.	OTHER INFORMATION

HMS SYMBOL

HEALTH	0
FLAMMABILITY	1
REACTIVITY	0
PPI	N/A

NFPA SYMBOL

