

# 769 LUBRICANT<sup>®</sup>

## LUBRICANT & PENETRANT



Reinhard Oil A/S  
Helleruplund Alle 8  
DK-2900 Hellerup  
Tel: +45 70 26 70 07  
www.reinhardoil.dk

### DESCRIPTION

**769 LUBRICANT<sup>®</sup>** is the foremost penetrating, moisture displacing, lubricating and corrosion preventative available today. Unequaled where salt water, salt spray, or other harsh environments are encountered. **769 LUBRICANT** gives total performance while being environmentally safe, easy to use and nonflammable.

**Lubricates:** Contains ashless extreme pressure additives and highly refined lubricating oils that provide superior lubricating protection and anti-wear properties.

**Penetrates:** Rusted and frozen metal parts - studs, nuts, screws, pins, linkages - are easily loosened by means of superior "creepability."

**Removes Moisture:** Moisture is lifted and displaced rather than trapped. Pores and crevices of surfaces are freed from moisture and are coated with a thin nongreasy film that prevents additional moisture from clinging or entering.

**Prevents Rust & Corrosion:** Thin film adheres to metallic surfaces, providing positive, temporary protection against the formation of rust and corrosion, including electrolytic and galvanic corrosion common in salt environments.

- Nonflammable
- Nonevaporating
- Light machine oil base
- Contains no silicones
- Economical to use
- Contains no fluorocarbons
- Never hardens or dries out

### APPLICATIONS

**Industrial:** May be used to free rusted or corroded fasteners on pumps, turbines, heat exchangers, reactors, manholes, electric motors, or any industrial equipment that operates in high humidity or salt exposure environments, such as those found in paper mills, refineries, petrochemical plants and shipyards.

**Marine:** Winches, shackle pins, toggle pins, pelican hooks, sheaves, swivels, capstans, digs, locks and door hinges, it dries out distributors, wiring harnesses, spark plugs, igniters and other ignition system parts. May be used on screws, nuts, bolts, studs, or any other fastener used to assemble marine equipment that is prone to rust or corrosion. Prevents saltwater corrosion of outboard motors. Excellent lubricant/preservative for nylon rope.

**Automotive:** Dries out wet ignition systems. May be used on door hinges, truck latches, door locks, exhaust systems or any nut, bolt, screw or fastener that is prone to "heat-freeze." Ideal for use on parts that are rusted or corroded as a result of exposure to road deicing salts.

**Residential:** For use throughout the home wherever a premium penetrating lubricant is desirable such as locks, chains, bikes, firearms, radio controlled vehicles, etc. On firearms, **769 LUBRICANT** is an excellent bore and barrel cleaner and preservative and doubles as an excellent lubricant to prevent freeze-up.

### PRODUCT CHARACTERISTICS

Specific Gravity	0.83
Density (lbs/gal)	6.9
Color/Appearance	Clear Amber Fluid
Flash Point, Tag Close Cup (ASTM D-56)	>177°F (81°C)
Viscosity, Kinematic 40°C, cSt (ASTM D-445)	3.5 - 4.5
Pour Point (ASTM D-97)	-25°F (-32°C)
VOC Content, g/liter	503
Dielectric Strength & Breakdown Voltage (ASTM D-877)	35 - 40 kv (typ.)
Vapor Pressure, mm Hg @ 68°F	0.4
pH	Neutral
Humidity Test	Passed
Rust Test (ASTM D-665)	Pass
Water, Wt%	None
Copper Strip Corrosion (ASTM D-130)	1A

Meets or exceeds the following Military Specifications:  
MIL-C-81309 (Aerosol) Type II & III, Class II, CO<sub>2</sub> Grade  
MIL-C-81309 (Bulk) Type II & III, Class I  
MIL-C-16173E Grade 3 • MIL-C-23411A • VV-P-216B  
NSF (H-2) Registered, meets USDA 1998 (H-2)  
Guidelines. For use in Federally Inspected Meat and Poultry Plants. Category H-2

### PACKAGING

Code No.	Container Size	Container
37341	12 oz.	Aerosol
	See Aerosol MSDS/Bulletin	
37343	16 oz.	Spray Bottle
27533	1 gal.	Jug
27535	5 gal.	Jug
27529	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

Houston, Texas—World Headquarters

Maidenhead, England

Edmonton, Canada

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# JET-LUBE, INC.

## MATERIAL SAFETY DATA SHEET

**Product Name:** 769 LUBRICANT®  
**Chemical Family:** Petroleum based lubricating oil  
**Use:** Penetrating lubricant, cleaner & corrosion inhibitor

**Manufacturer/Supplier:** JET-LUBE, INC.  
**Address:** 4849 Homestead Rd., Ste. #200  
Houston, TX, 77028 USA **Phone:** 713-674-7617  
**Emergency Phone:** 713-674-7617 **Fax:** 713-678-4604  
**Chemtrec 24 hours (USA):** 800-424-9300

Hazardous Components	CAS No.	Wt%	OSHA PEL	ACGIH TLV	Other Limits of Exposure
Petroleum Distillate	64742489	65 Min	TWA 400 ppm	UN	UN
Petroleum Oil	64742547/64742650	25 Max	TWA 5mg/M <sup>3</sup>	UN	UN
Proprietary Additives	68411461/JN	10 Max	10,000 ppm	5,000 ppm	

### Main Hazards—Health Effects

**Eyes:** May cause irritation. **Inhalation:** Oil mist may line breathing passages with oil making breathing difficult. **Ingestion:** May cause diarrhea. **Skin:** May irritate the skin after prolonged periods of contact.

**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.

**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.

**Personal Precautions:** Wear gloves & protective overalls. **Environmental Precautions:** Do not allow it to enter drains.  
**Spillage:** Scrape up bulk, then wipe up remainder with cloth. To prevent walking hazard, pick up remaining residue with diatomaceous earth.

**Handling:** No special handling precautions necessary. **Storage:** Do not store at elevated temperatures.

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

**Physical State:** Low viscosity fluid **Color:** Pale Yellow/Amber **Odor:** Petroleum **pH:** Neutral **Boiling Range/Point °F (°C):** >300 (149)  
**Melting Point °F (°C):** -40 (-40) **Flash Point (COC) °F (°C):** >177 (81) **Autoignition Temperature °F (°C):** >444 (229)  
**Explosive Properties:** LEL: 0.9% UEL: 7% **Evaporation Rate (Butyl Acetate):** <0.01 **Partition Coefficient (Log Pow):** UN  
**Vapor Pressure (kPa):** <0.05 **Percent Volatiles:** 65 Max **Density (g/cm<sup>3</sup>):** 0.83 **Flammability:** Not flammable at ambient temp.  
**OSHA Value:** 5 **Oxidizing Properties:** None **Water Solubility:** Emulsifies **Vapor Density:** >5

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

**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:** >2000mg/l—extrapolated from component data. **LD-50:** Not applicable


**Possible Effects:** In extreme cases, may generate oil fractions that could act as a marine pollutant. Occurrences of this nature are highly unlikely. **Behavior:** Relatively well behaved. Bioaccumulation potential nil. **Environmental Fate:** Due to its fluid nature & specific gravity, this product will float & spread across water making it a nuisance contaminant. It's not thought to be toxic to marine or land organisms.

**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.

**D.O.T.:** Hydrocarbon liquid, NOS, combustible liquid. Not regulated. **UN No.:** Not regulated.  
**Air Transport (ICAO & IATA):** Not regulated. **Sea Transport (IMO & IMDG):** Not regulated.  
**Road & Rail Transport (ADR/RID):** Not regulated.

**Labeling Information:** None needed **EC Annex 1 Class:** N/A **R Phrases:** R22-harmful if swallowed  
**SARA 311/312:** None **S Phrases:** S-3 keep cool, S-16 keep away from ignition sources. **Ozone Depleting Chemicals:** N/A  
**CERCLA:** Nonhazardous **TSCA:** All components are listed. **WHMIS (Canada):** Class B, Div. B-3 **Canadian DSL:** All components listed.  
**40 CFR Part 372 (SARA Section 313):** N/A **RCRA Hazard Class:** Nonhazardous **TSCA 12B Components:** None

**New Jersey Right To Know:** See Section II

Signature:   
Prepared by: Donald A. Oldiges  
Date Issued: April 17, 2009

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	1
FLAMMABILITY	1
REACTIVITY	0
PPI	B

### NFPA SYMBOL

