

**DESCRIPTIVE FEATURES OF PARKER'S  
O-LUBE**

**P/N: OLUBE 884-(size)**

Date: 02/15/2015

*Required under USDL Safety and Health Regulations for Ship Repairing,  
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)*

**Description:**

<b>Ingredients</b>	Barium Soap	25-30%
	Base Oil	70-75%
<b>Water Content</b>		0.2% max.
<b>Grease Number</b>		#2 NLGI
<b>Pour Point (open cup)</b>		485°F max.
<b>Flash Point (open cup)</b>		435°F min.
<b>Fire Point</b>		485°F min.
<b>ASTM D217 Penetration @ 77°F</b>		265-295
<b>ASTM Drop Point</b>		400°F min.
<b>Ash Sulfate</b>		14.25% max.
<b>Specific Gravity</b>		Less than 1.0 (.9007 to .9129)

**Physical Data:**

<b>Boiling Point (°F)</b>	700
<b>Specific Gravity</b>	Less than 1.0
<b>Vapor Pressure</b>	N/A
<b>Percent, Volatile by Volume (%)</b>	N/A
<b>Vapor Density (Air=1)</b>	N/A
<b>Evaporation Weight</b>	Less than 1.0
<b>Solubility in Water</b>	Negligible
<b>Appearance and Odor</b>	Semi-Solid, Amber Color, No Odor

**PARKER O-LUBE  
MATERIAL SAFETY DATA SHEET**

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Date: 02/15/2015

**Section I**

<b>Manufacturer's Name</b>	Parker Hannifin Corp., O-Ring Division
<b>Emergency Telephone No.</b>	(859) 269-2351
<b>Address</b>	2360 Palumbo Drive, PO Box 11751, Lexington, KY 40512
<b>Trade Name and Synonyms</b>	Parker O-Lube
<b>Chemical Family</b>	Petroleum Grease

**Section II - Hazards Identification**

**Hazardous Mixture of Other Liquids, Solids, or Gasses**

Petroleum Naphthenic Oil CAS #64742-52-5	70-75% by weight
Barium Soap - Insoluble CAS #68201-19-4	25-30% by weight
NFPA (HMIS) Code:	Health-1, Flammability-0, Reactivity-0

All ingredients are listed on the TSCA Chemical Substances Inventory.

**Section III – Health Hazards Identification**

<b>Threshold Limit Value</b>	5 mg/m <sup>3</sup>
<b>Permissible Exposure Level</b>	5 mg/m <sup>3</sup>
<b>Effects on Overexposure</b>	Eyes: Moderate irritation, redness tearing Skin: Slight irritation Swallowing: Gastric intestinal irritation, nausea, vomiting & diarrhea Inhalation: None known.

**Section IV – First Aid Measures**

<b>Emergency &amp; First Aid Procedure</b>	Ingestion: Immediately drink 2 glasses of water, induce vomiting, medical attention. Eyes: Flush with large amounts of water, lifting eye lids occasionally, seek medical attention. Skin: Wash exposed area with soap & water. Inhalation: N/A
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**Section V – Fire Fighting Measures**

<b>Flash Point (Method Used)</b>	435°(Open Cup)
<b>Flammable Limits</b>	N/A <b>le:</b> N/A <b>ue:</b> N/A
<b>Extinguishing Media</b>	Carbon dioxide, Foam and Dry Chemical
<b>Special Fire Fighting Procedure</b>	Wear self contained breathing apparatus. Water of foam may cause frothing which can be violent, especially if sprayed into containers of hot burning liquid.
<b>Unusual Fire and Explosion Hazards:</b>	Never use welding or cutting torch on or near (even empty) container because product (even just residue) can ignite explosively.

## Section VI – Accidental Release Measures

### Steps to be taken in case material is released or spilled

Small Spill: Collect in beaker.

Large Spill: Persons not wearing protective equipment should be excluded from area of spill until cleanup has been completed. Shovel material into container. Remaining material should be taken up with absorbent material.

**Waste Disposal Method** Per local, state, and federal regulations

## Section VII – Handling and Storage

**Precautions to be taken in Handling and Storing** Normal precautions - avoid fire hazards.

**Other Precautions** None.

## Section VIII – Exposure Controls / Personal Protection

### Respiratory Protection (*Specify type*)

Not required under normal use.

**Ventilation** Local Exhaust:

N/A

Special:

N/A

Mechanical:

Recommended

Other

N/A

**Protective Gloves**

Oil resistant gloves such as Nitrile or Neoprene Rubber.

**Eye Protection**

Not required under normal use.

**Other Protective Gear**

N/A

## Section IX – Physical and Chemical Properties

**Boiling Point (°F)**

700

**Specific Gravity**

Less than 1.0

**Vapor Pressure**

N/A

**Percent, Volatile by Volume (%)**

N/A

**Vapor Density (Air=1)**

N/A

**Evaporation Weight**

Less than 1.0

**Solubility in Water**

Negligible

**Appearance and Odor**

Semi-Solid, Amber Color, No Odor

## Section X – Stability and Reactivity

**Stability**

Stable

**Conditions to Avoid**

Temperatures over 600° F

**Incompatibility (Materials to avoid)**

Strong Oxidizers

**Hazardous Decomposition Product**

Carbon Monoxide - Carbon Dioxide and various hydrocarbons

**Hazardous Polymerization**

Will not occur.

### **Section XI – Disposal Considerations**

**Recommendation of Disposal:** Dispose of in accordance with Federal, State and Local regulations.

### **Section XII – Transport Information**

**Class or Type:** DOT and IATA: Non- Hazardous

### **Section XII – Other Information**

**No special conditions**

Prepared by: Parker Hannifin Seals: O-Ring Division

These data are offered in good faith as typical values and not as product specification. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

Recommendations on application design and material selection are based on available technical data and are offered as suggestions only. Each user should make his own tests to determine the suitability for his own particular use. Parker offers no express or implied warranties concerning the form, fit, or function of a product in any application.