

P/N 93488-00

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### LUBRIPLATE "930" SERIES

The LUBRIPLATE "930" Series of lubricants are also listed as "multipurpose" but with a higher operating temperature range than the "630" Series. These lubricants possess high film strength and exceptional resistance to water, steam and other adverse operating conditions. Since these lubricants are of the non-melt type, they can be used successfully for high temperature applications up to 375°F and for short intervals up to 400°F.

The LUBRIPLATE "930" Series of lubricants are shear stable multipurpose greases for both plain and anti-friction bearings. These lubricants are recommended wherever Microgel greases, Bentone greases, Urea greases and Complex greases are recommended and used.

LUBRIPLATE No. 930-AAA is an NLGI No. 0 consistency and is ideal and recommended for centralized lubricating systems. This lubricant is also a superior grease for certain types of enclosed gear cases of medium speed and no seals.

LUBRIPLATE NO. 930-AA is an NLGI No. 1 lubricant highly recommended for automatic grease dispensing devices and pressure gun applications. LUBRIPLATE No. 930-AA is available in the convenient 14½-ounce grease-gun cartridge.

LUBRIPLATE No. 930-A is a heavy-body NLGI No. 2.5 lubricant for applications requiring a heavy type product such as grease cups.

LUBRIPLATE No. 930-2 is an NLGI No. 2 lubricant for general grease-gun applications and is also available in the convenient 14½-ounce cartridge.

(over)

TYPICAL TESTS

<u>LUBRIPLATE No.</u>	<u>930-AAA</u>	<u>930-AA</u>	<u>930-A</u>	<u>930-2</u>
Type of Thickener	Gelling Agent	Gelling Agent	Gelling Agent	Gelling Agent
NLGI No.	0	1	2.5	2
Worked Penetration Range @ 77°F	355/385	310/340	235/260	265/295
ASTM Dropping Point	Non-Melt Type	Non-Melt Type	Non-Melt Type	Non-Melt Type
Mineral Oil Viscosity SUS @ 100°F	900	750	750	750
cSt @ 40°C	167	135	135	135
Color	Off-White	Off-White	Off-White	Off-White

PART NUMBERS

<u>Packaging Available</u>	<u>930-AAA</u>	<u>930-AA</u>	<u>930-A</u>	<u>930-2</u>
Carton, 24/14 oz. Cans	L0098-001	L0096-001	L0095-001	L0100-001
Carton, 6/6 lb. Cans	L0098-006	L0096-006	L0095-006	L0100-006
35 lb. Pail	L0098-035	L0096-035	L0095-035	L0100-035
120 lb., Quarter Size, Drum	L0098-039	L0096-039	L0095-039	L0100-039
Full Size Drum	L0098-040	L0096-040	L0095-040	L0100-040
Carton, 36/1¼ oz. Tubes (1x6)	-----	L0096-086	-----	-----
Carton, 40/14½ oz. Cartridges	-----	L0096-098	-----	L0100-098

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# LUBRIPLATE®

## MATERIAL SAFETY DATA SHEET

### Section 1

**PRODUCT NAME OR NUMBER**

LUBRIPLATE No. 930-A, No. 930-AA, No. 930-AAA, 930-2

**GENERIC/CHEMICAL NAME:**

Petroleum Lubricating Grease

**Manufacturer's Name**

Fiske Brothers Refining Co.

**Address**

1500 Oakdale Ave., Toledo, Ohio 43605 - 129 Lockwood St., Newark, NJ 07105

**FORMULA**

Inorganic Thickeners, Mineral Oil and Additives

**USDA AUTHORIZATION:**

H-2

**Emergency Telephone Number**

1-800-255-3924 - CHEM-TEL (24 hour)

**Telephone Number for Information**

419-691-2491 - Toledo Office

### Section 2 - Hazardous Ingredients/Identity Information

<u>Hazardous Components</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Other Limits Recommended</u>	<u>% (optional)</u>
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Non-hazardous

**Hazardous Material Identification System (HMIS):** Health - 1, Flammability - 1, Reactivity - 0**Not a Controlled Product under (WHMIS) - Canada****Special Protection: See Section 9**

### Section 3 - Health Hazard Data

**Threshold Limit Value** 5 mg/m<sup>3</sup> for oil mist in air. OSHA Regulation 29 CFR 1910.1000**Effects of Overexposure** Prolonged or repeated skin contact may cause skin irritation. Product contacting the eyes may cause eye irritation. Human health risks vary from person to person. As a precaution, exposure to liquids, vapors, mists and fumes should be minimized. This product has a low order of acute oral toxicity, but minute amounts aspirated into the lungs during ingestion may cause mild to severe pulmonary injury.**Carcinogenicity:** NTP? No IARC Monographs? No OSHA Regulated? No

### Section 4 - Emergency and First Aid Procedures

**EYE CONTACT:** Flush with clear water for 15 minutes or until irritation subsides. If irritation persists, consult a physician.**SKIN CONTACT:** Remove any contaminated clothing and wash with soap and warm water. If injected by high pressure under skin, regardless of the appearance or its size, contact a physician IMMEDIATELY. Delay may cause loss of affected part of the body.**INHALATION:** Vapor pressure is very low and inhalation at room temperature is not a problem. If overcome by vapor from hot product, immediately remove from exposure and call a physician.**INGESTION:** If ingested, call a physician immediately. Do not induce vomiting.

### Section 5 - Fire and Explosion Hazard Data

**Flash Point (Method Used)** COC - 400°F **Flammable Limits** LEL 0.9% UEL 7.0%**Extinguishing Media** Foam, Dry Chemical, Carbon Dioxide or Water Spray (Fog)**Special Fire Fighting Procedures** Cool exposed containers with water. Use air-supplied breathing equipment for enclosed or confined spaces.**Unusual Fire and Explosion Hazards** Do not store or mix with strong oxidants. Empty containers retain residue. Do not cut, drill, grind, or weld, as they may explode.

PRODUCT NAME OR NUMBER - LUBRIPLATE No. 930-A, No. 930-AA, No. 930-AAA, No. 930-2

**Section 6 - Physical/Chemical Characteristics**

<b>Boiling Point</b>	>550°F	<b>Specific Gravity (H<sub>2</sub>O = 1)</b>	0.94 - 0.97
<b>Vapor Pressure (mm Hg.)</b>	<0.01	<b>Melting Point</b>	Semi-solid
<b>Vapor Density (AIR = 1)</b>	>5	<b>Evaporation Rate (Butyl Acetate = 1)</b>	<0.01
<b>Solubility in Water</b>	Negligible		
<b>Appearance and Odor</b>	Smooth, tan grease with mineral oil odor.		

**Section 7 - Reactivity Data**

<b>Stability</b>	Unstable Stable X	<b>Conditions to Avoid</b>	N/A
<b>Incompatibility (Materials to Avoid)</b>	Avoid contact with strong oxidants like liquid chlorine, concentrated oxygen.		
<b>Hazardous Decomposition or Byproducts</b>	May form SO <sub>2</sub> . If incomplete combustion, Carbon Monoxide.		
<b>Hazardous Polymerization</b>	May Occur Will Not Occur X	<b>Conditions to Avoid</b>	N/A

**Section 8 - Spill or Leak Procedures**

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

Scrape up grease, wash remainder with suitable petroleum solvent or add absorbent. Keep petroleum products out of sewers and water courses. Advise authorities if product has entered or may enter sewers and water courses.

**Waste disposal method**

Assure conformity with applicable disposal regulations. Dispose of absorbed material at an approved waste disposal facility or site.

**SARA/TITLE III, Section 313 Status** - Zinc Compounds - <8%

**Section 9 - Special Protection Information**

<b>Respiratory Protection (Specify type)</b>	Normally not needed		
<b>Ventilation</b>	<b>Local Exhaust</b>	Used to capture fumes and vapors	<b>Special</b> N/A
	<b>Mechanical (General)</b>		<b>Other</b> N/A
<b>Protective Gloves</b>	Use oil-resistant gloves, if needed.	<b>Eye Protection</b>	If chance of eye contact, wear goggles.
<b>Other Protective Equipment</b>	Use oil-resistant apron, if needed.		

**Section 10 - Special Precautions**

**Precautions to be taken in handling and storing**

Keep containers closed when not in use. Do not handle or store near heat, sparks, flame, or strong oxidants.

**Other Precautions**

Remove oil-soaked clothing and laundry before reuse. Cleanse skin thoroughly after contact.

The above information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of Fiske Brothers Refining Company. The data on these sheets relates only to the specific material designated herein. Fiske Brothers Refining Company assumes no legal responsibility for use or reliance upon this data.

Date Prepared: January, 2006

Prepared by: James R. Kontak