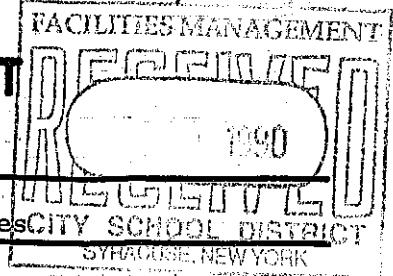




LUBRIPLATE[®]

MATERIAL SAFETY DATA SHEET

000876



Section I

PRODUCT NAME OR NUMBER 20-20W, 30, 40, 50 LUBRIPLATE Super HDS Motor Oil SAE 10W,	FORMULA Mineral Oil and Additives
Manufacturer's Name Fiske Brothers Refining Co.	Emergency Telephone Number 201-589-9150
Address (Number, Street, City, State, and ZIP Code) 129 Lockwood St., Newark, NJ 07105	Telephone Number for Information 201-589-9150

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Oil Mist in Air (Not Encountered in Normal Usage)	5mg/m ³	5mg/m ³		

Hazardous Material Identification System (HMIS): Health-1, Flammability-1, Reactivity-0

Section III - Physical/Chemical Characteristics

Boiling Point	> 550°F	Specific Gravity (H₂O = 1)	0.876 0.8871
Vapor Pressure (mm Hg.)	< 0.01	Melting Point	Liquid
Vapor Density (AIR = 1)	> 5	Evaporation Rate (Butyl Acetate = 1)	< 0.01
Solubility in Water	Negligible		

Appearance and Odor

Transparent amber oil with slight detergent odor

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) C.O.C. - 410°F - 475°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.

Section V - Reactivity Data

Stability	Unstable	Conditions to Avoid	N/A
	Stable		

Incompatibility (Materials to Avoid)

Avoid contact with strong oxidants like liquid chlorine, concentrated oxygen.

Hazardous Decomposition or Byproducts

May form SO₂. If incomplete combustion, carbon monoxide.

Hazardous Polymerization	May Occur	Conditions to Avoid	N/A
	Will Not Occur		

SECTION VI HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE 5 mg/m³ 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

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 thoroughly with soap and warm water. 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. If over-exposed to oil mist, remove from further exposure until excessive oil mist condition subsides. INGESTION: If ingested, call a physician immediately. Do not induce vomiting.

SECTION VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Recover liquid, 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.

SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type) Normally not needed

VENTILATION	LOCAL EXHAUST	SPECIAL
	Use to capture fumes and vapors.	N/A
	MECHANICAL (General)	OTHER

PROTECTIVE GLOVES	EYE PROTECTION
Use oil-resistant gloves, if needed.	If chance of eye contact, wear goggles.

OTHER PROTECTIVE EQUIPMENT Use oil-resistant apron, if needed.

SECTION IX 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

Avoid breathing oil mist. Remove oil-soaked clothing and launder before reuse. Cleanse skin thoroughly after contact.

DATE PREPARED May, 1987

PREPARED BY: Robert J. Sibilia