

MATERIAL SAFETY DATA SHEET

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product Name: Hydro-Balance Refrigeration Oil #5
Product Number(s): H-2501, H-2506
Product Category: Mineral Compressor Lubricant

Date Prepared: 10/18/00

Supersedes: 9/2/97

NFPA Rating: Health: 0
Flammability: 1
Reactivity: 0
Special:

Company Identification

North American Research Corporation
P.O. Box 1318, Lewisville, TX 75067
519 Huffines Boulevard, Lewisville, TX 75056
Phone: (972) 492-1800 • (800) 527-7520
Fax: (972) 394-6755

Transportation Emergencies: Infotrac (800) 535-5053

SECTION 2 HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

<u>Chemical Name</u>	<u>CAS Number</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>% (optional)</u>
Severely Hydrotreated Heavy Napthenic Petroleum Oil	64742-52-5	5 mg/m ³ (oil mist)	5 mg/m ³ (oil mist)	100

SECTION 3 PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point.....	IBP >500°F (260°C)	Odor.....	Light bland petroleum
Vapor Pressure (mm Hg).....	< 0.001 @ 20°C	Appearance.....	Clear, pale, straw colored
Vapor Density (Air = 1)	>5	Melting Point.....	Not applicable
Solubility in Water	Negligible	pH.....	Essentially neutral
Specific Gravity.....	0.91	Viscosity.....	500 SUS @ 100°F
Form.....	Liquid	Percent Volatiles	nil

SECTION 4 FIRE and EXPLOSION HAZARD DATA

Flammable Properties

Flash Point: >350°F (177°C) COC ASTM D92

Flammable Limits in Air

LEL: Not determined

UEL: Not determined

Extinguishing Media: CO₂, dry chemical, foam, water fog

Special Fire Fighting Procedures: Cool exposed equipment with water spray. Firefighters and others exposed to vapors or products of combustion should use self-contained breathing apparatus and wear full protective clothing.

Unusual Fire and Explosion Hazards: OSHA/NFPA Class IIIB Combustible Liquid.

SECTION 5 REACTIVITY DATA

Stability: Stable Conditions to Avoid: Sources of ignition

Incompatibility (Materials to Avoid): Strong oxidizers

Hazardous Decomposition or Byproducts: Combustion may produce carbon monoxide and other asphyxiants.

Hazardous Polymerization: Will not occur

Conditions to Avoid: None known

