



Hydraulic System Oil



Passenger Vehicles



Mineral

HYDRAULIC SYSTEM OIL HVI 68

High Viscosity Index (HVI) Hydraulic System Oils

DESCRIPTION AND APPLICATION

High Viscosity Index (HVI) hydraulic oils are produced using high-quality paraffinic base oils and additives such as anti-wear, anti-oxidation, anti-rust, anti-foam, viscosity index improvers, and demulsifiers. These oils easily separate from water in the presence of moisture and can be used comfortably in systems operating in cold environments or in conditions with significant temperature variations. They are recommended for all industrial and mobile hydraulic systems, as well as for the hydraulic systems of ships. They are suitable for special industrial applications, construction machinery, presses, mobile equipment, and air compressors.

FEATURES AND BENEFITS

- Can be used in a wide range of climatic conditions due to their high viscosity index.
- Low pour points and high viscosity indices prevent wear in low-temperature climates.
- Suitable for hydraulic systems operating under high pressure and temperature due to their high thermal stability.
- High oxidation resistance.
- Extends oil change intervals.
- Provides excellent corrosion protection in corrosive environments, such as marine applications.
- Excellent water separation properties allow rapid separation from water and ensure the removal of water from the system.
- Prevents strain on the pump and system during initial operation.
- Ensures high power transmission due to minimal viscosity changes at high temperatures.
- Reduces operating and maintenance costs.

PERFORMANCE

Meets the performance specifications of Denison HH, HF-0, HF-1, HF II; Eaton Vickers M-2950-S/I-286-S; Cincinnati Machine P-68/P-69/P-70; DIN 51524 Part II; and US Steel 127.

HEALTH, SAFETY, AND ENVIRONMENTAL RECOMMENDATIONS

Lubran hydraulic oil should be kept away from skin and eyes and should not be ingested or inhaled. In case of contact with skin or eyes, wash immediately with soapy water. If swallowed, seek medical attention. In case of vapor inhalation, move to fresh air and consult a doctor if necessary. Used oil must be disposed of in compliance with local regulations. Avoid releasing used oil into the environment. Empty containers must not be reused or burned. Keep out of reach of children and store in properly ventilated places. For more detailed information, refer to the "Material Safety Data Sheet."

STORAGE CONDITIONS

Lubran hydraulic oil containers should not be exposed to direct sunlight for extended periods. Containers should be stored in environments with temperatures not exceeding 40°C. Protect from physical damage and contamination. Use the product in accordance with its intended purpose to maintain its quality and ensure safe use.

TYPICAL PROPERTIES

PHYSICAL PROPERTIES	METHOD	HVI 68
Density, g/cm ³ at 15°C	ASTM D 4052	0,880
Kinematic Viscosity, cSt, at 100°C	ASTM D 445	61,2-74,8
Viscosity Index	ASTM D 2270	145
Pour Point, °C	ASTM D 97	-35
Flash Point, °C	ASTM D 92	220

PACKAGING TYPES



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