

## HIDROLUBE 46



Hydraulic System Oils



Work Machinery



Mineral

### High-Performance Hydraulic System Oils

#### DESCRIPTION AND APPLICATION

These superior-quality hydraulic system oils are produced by blending mineral-based oils with oxidation, rust, wear, and foam inhibitor additives. They are used in fixed and mobile hydraulic systems, machine tools, hydraulic presses, pallet and gear pumps, industrial screw compressors, industrial machines, mobile construction equipment, and external gearboxes, as recommended by manufacturers.

#### FEATURES AND BENEFITS

- Forms a superior film layer, protecting the system against wear and preventing corrosion.
- Provides excellent lubrication properties and superior performance.
- Protects the system perfectly against oxidation, wear, rust, and foaming while reducing maintenance costs.
- The foam inhibitor additives prevent foam-related cavitation and clean the system with dispersant properties.
- Features easy separation from air and water.

#### PERFORMANCE

Meets the performance specifications of: Denison HH, HF-0 HF-I, HF-II; Eaton Vickers M-2950-S/I-286-S3; SAE MS1004; Cincinnati Machine P-68/P-69/P-70; DIN 51524 Part II; GM LS-2, JCMAS HK, ANFOR NFE 48-690/48-691; US Steel 127/136; Bosch Rexroth 90235.

#### HEALTH, SAFETY, AND ENVIRONMENTAL RECOMMENDATIONS

Lubran hydraulic oil should not come into contact with skin or eyes, should not be swallowed, and its vapors should not be inhaled. In case of contact with skin or eyes, rinse thoroughly with soap and water and seek medical attention if necessary. If swallowed, do not induce vomiting and seek emergency medical attention. If vapors are inhaled, take deep breaths and seek medical help if needed. Used Lubran oils must not be discharged into drains, sewers, or the environment. They should be collected in designated waste oil containers and delivered to authorized recycling centers in accordance with applicable regulations. They must not be mixed with other petroleum derivatives or chemicals and should not be burned in stoves or furnaces. Empty containers should not be disposed of in landfills or the environment but handed over to licensed recycling organizations. For detailed information, you can review the "Material Safety Data Sheet."

#### STORAGE CONDITIONS

Lubran oil packages should not be exposed to direct sunlight for extended periods. Packages must not come into contact with water. Oils should not come into contact with dust and should be kept away from dusty environments. The ambient temperature should not exceed 40°C. The proper use of this product in compliance with current laws and regulations is the sole responsibility of the user. Lubran cannot be held liable for any damages or adverse effects resulting from improper use, deviations from the intended purpose, or the product's inherent hazards.

#### TYPICAL PROPERTIES

PHYSICAL PROPERTY	METHOD	HIDROLUBE 46
Density, g/cm <sup>3</sup> at 15°C	ASTM D 4052	0,880
Kinematic Viscosity, cSt, 100°C	ASTM D 445	41,4-50,6
Viscosity Index	ASTM D 2270	95
Pour Point, °C, max	ASTM D 97	-24
Flash Point, °C, min	ASTM D 92	225

#### PACKAGING TYPES



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