

HIDROLUBE VG-46 ZN FREE



Hydraulic System Oil



Passenger Vehicles



Mineral

ZINC-FREE HYDRAULIC SYSTEM OILS

DESCRIPTION AND APPLICATION

Hidrolube Zn Free is a zinc-free (ash-free) hydraulic oil specially formulated for use in industrial and mobile equipment where manufacturers recommend the use of "zinc-free" hydraulic oils. Due to its zinc-free composition, it works more compatibly with yellow metals found in piston pumps, providing protection against rust and corrosion.

FEATURES AND BENEFITS

- It reduces wear, ensuring a longer equipment lifespan.
- Thanks to its demulsifying properties, it has excellent water separation capabilities.
- Due to the presence of anti-foaming additives, it prevents foam formation and increases the efficiency of the hydraulic pump.

PERFORMANCE

Meets the performance specifications of DIN 51524 Part 2, Denison HF-0, HF-1, HF-2, Eaton E-FDGN-TB002-E, Cincinnati Machine P-68, P-69, P-70, Bosch Rexroth 90235, GM LS-2, AIST 127, ASTM D6158, and ISO 11158.

HEALTH, SAFETY, AND ENVIRONMENTAL RECOMMENDATIONS

Lubran engine 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 engine 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 engine 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 PROPERTIES	METHOD	HIDROLUBE VG-46 ZN FREE
Density, g/cm ³ at 15°C	ASTM D 4052	0,872
Kinematic Viscosity, cSt, 100°C	ASTM D 445	41,4-50,6
Viscosity Index, min	ASTM D 2270	130
Pour Point, °C, max	ASTM D 97	-30
Flash Point, °C, min	ASTM D 92	210

PACKAGING TYPES



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