



Description

Mineral-based hydraulic oil designed to transmit power, lubricate, seal, and cool hydraulic system components such as pumps, pistons, valves, and final drives. It provides reliable performance in applications operating under moderate load and temperature conditions, where advanced anti-wear protection is not required.

Properties

- Good corrosion protection: Helps protect metal components against corrosion and rust formation, even in the presence of moisture.
- Thermal and oxidation stability: Maintains consistent performance and resists degradation under normal operating temperatures.
- Seal compatibility: Compatible with commonly used sealing materials, ensuring trouble-free operation.
- Low pour point.

Applications

- Industrial, automotive, agricultural, and marine machinery.
- Hydraulic and high-pressure systems.
- Construction machinery and heavy equipment.
- Excavators, backhoes, and cranes.
- Forklifts and garbage trucks.
- Hydraulic presses and mining equipment.
- Metal cutting and forming machines.
- Braking systems, power steering, and elevators.

Quality levels, approvals and recommendations

- ISO 6743/4 HM, 11158 HM

Technical specifications

	UNIT	METHOD	VALUE	
ISO Viscosity Grade			46	68
Density at 15 °C	g/cm3	ASTM D4052	0,866	0,877
Kinematic viscosity at 40 °C	cSt	ASTM D445	46	68
Viscosity index	-	ASTM D2270	113	106
Flash point, open cup	°C	ASTM D92	210	250
Pour point	°C	ASTM D97	-24	-21

The above mentioned characteristics are typical values and should not be considered product specifications.