

PATROL HYDRAULIC OIL

ISO VG 32



PRODUCT DESCRIPTION

Patrol Oil Hydraulic Oil ISO VG 32 is a high-quality anti-wear hydraulic fluid formulated for use in industrial and mobile hydraulic systems operating under moderate to severe conditions. It provides excellent wear protection, oxidation stability, and reliable system cleanliness.

APPLICATIONS

- Industrial hydraulic systems
- Mobile and construction equipment
- Hydraulic pumps, valves, and actuators
- Systems operating at moderate pressures and temperatures
- Suitable for vane, piston, and gear pumps

FEATURES & BENEFITS

- Excellent anti-wear protection for hydraulic components
- Good oxidation and thermal stability
- Effective rust and corrosion protection
- Good demulsibility and water separation
- Helps maintain system efficiency and cleanliness

PERFORMANCE STANDARDS / OEM REFERENCES

- ISO 11158 HM
- DIN 51524 Part 2 (HLP)
- Denison HF-0 / HF-1 / HF-2
- Eaton Vickers M-2950-S / I-286-S
- Bosch Rexroth Hydraulic Fluid Requirements
- Cincinnati Machine P-68
- AFNOR NF E 48-603 HM

TYPICAL PROPERTIES

PROPERTY	METHOD	UNIT	TYPICAL VALUE
ISO Grade	ISO 3448	-	32
Kinematic Viscosity @ 40°C	ASTM D445	cSt	30-34
Kinematic Viscosity @ 100°C	ASTM D445	cSt	5.2-5.6
Viscosity Index	ASTM D2270	-	95-105
Flash Point (COC)	ASTM D92	°C	210-230
Pour Point	ASTM D97	°C	-24
Density @ 15°C	ASTM D4052	kg/m ³	870-880

Note: These characteristics are typical of current production. While future production will conform to PATROL's specification, variations in these characteristics may occur.

Health and Safety: Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request. This product should not be used for purposes other than its intended use. If disposing off used product, take care to protect the environment

