

Petromar Hydraulic oil's - Reliable Performance for Hydraulic Systems (Including HLP Grades)

Available ISO Grades: 22, 32, 46, 68, 100

Petromar Hydraulic Oils with HLP classification are expertly engineered for superior performance in hydraulic systems, offering outstanding protection against wear and corrosion. They help in reducing maintenance costs and improving system efficiency, particularly in heavy-duty operations.

Its advanced composition ensures optimal lubrication, extended equipment lifespan, and peak operational efficiency, making it the trusted choice for demanding hydraulic systems.

Key Benefits & Applications:

- Exceptional anti-wear, anti-corrosion, and anti-rust protection for enduring equipment reliability.
- Superior low air retention and minimal air entrainment for seamless operation.
- Advanced low-foaming properties to maintain system efficiency.
- High shear stability, ensuring consistent performance under intense conditions.
- Outstanding thermal stability coupled with strong resistance to oxidation and durability.

Meets or exceeds the following specifications:

- ✓ DIN 51502 – type HLP
- ✓ DIN 51525 & DIN 51524 Parts 1 and 2 (HLP)
- ✓ ISO 11158 Category HM
- ✓ ISO 6743-4; 2015 – type HM

Typical Properties:

PARAMETERS	METHODS	UNITS	ISO 32	ISO 46	ISO 68	ISO 100
Kinematic Viscosity at 40 °C	ASTM D445	mm ² /s	31.57	45.88	68.98	97.55
Kinematic Viscosity at 100 °C	ASTM D445	mm ² /s	5.59	7.024	8.90	11.10
Viscosity Index	ASTM D2270	None	116	110	104	98
Density at 15 °C	ASTM D4052	g/cm ³	0.8702	0.8769	0.8835	0.8884
Flash Point (COC)	ASTM D92	°C	>230	>230	>230	>230
Pour Point	ASTM D97	°C	-36	-30	-30	-30
Copper Strip Corrosion	ASTM D130	None	1a	1a	1a	1a

These properties are typical of current production. Performance-neutral variations may occur.

Packaging Options: 1L, 4L, 5L, and 20L containers to large 208L drums and 1000L IBCs.

Health and Safety: Find health and safety details in the Safety Data Sheet (MSDS) on our website.

Storage: Store products below 140°F (60°C), away from sparks, flames, and out of children's reach.

Disposal: Protect the environment by properly disposing of used motor oil and lubricants. Contact us for assistance