



Hydraulic Oil HLPD 10W

Product Code: 76561

Mineral hydraulic fluid

Hydraulic Oil HLPD 10W is a high quality Hydraulic fluid made for heavy duty on- and off- highway performance. **Hydraulic Oil HLPD 10W** is a high quantity zinc containing hydraulic fluid that has the greatest possible performance in humid applications.

Hydraulic Oil HLPD 10W is formulated with high quality mineral base oils in combination with a special additive package to ensure to following properties.

- Special detergent and dispersant properties ensure smooth functioning of hydraulic systems.
- Excellent water emulsifying ability maintains proper functioning of hydraulic systems even in case of contamination of oil with small amounts of water .
- Superior anti-wear properties help reduce wear of mechanical components .
- High resistance to oxidation and thermal degradation controls the formation of sludge & varnish and improves oil life .
- Superior foam control and rapid air release properties ensure trouble-free operations.
- Effective corrosion inhibitors provide corrosion protection in arduous service conditions.
- Superior thermo- and oxidation stability.
- High zinc content (900 ppm).

Hydraulic Oil HLPD 10W exceeds the following performance criteria:

DIN 51524/2 HLPD

Hydraulic Oil HLPD 10W is suitable for use where Cat HYDO Advanced 10 is required.

Typical Analysis

Properties	Unit	Method	Typical Value
SAE Grade		ISO 3448	10W
Density @15°C	kg/m ³	ASTM D4052	857.2
Kin. Viscosity @40°C	mm ² /s	ASTM D7042	46.33
Kin. Viscosity @100°C	mm ² /s	ASTM D7042	6.87
Viscosity Index		ASTM D2270	103
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-30
Air Release Value @50°C	Minutes	ASTM D3427	Pass

Date Issued: 8-7-2026	Supersedes: -	Revision Nr.: 0
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