



## Hydraulic Oil HLPD 68

Product Code: 76660

Mineral hydraulic fluid

**Hydraulic Oil HLPD 68** is heavy duty detergent type ashless anti-wear hydraulic oil specially developed for machine-tool hydraulic systems, mobile hydraulic systems and clutch drives where minor water contamination can be expected.

**Hydraulic Oil HLPD 68** is formulated with high quality mineral base oil in combination with a special additive package to ensure to following properties.

- Special detergent and dispersant properties ensure smooth functioning of hydraulic systems by minimizing formation of sticky residues and deposits.
- 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.

**Hydraulic Oil HLPD 68** exceeds the following performance criteria:

DIN 51524-2 HLPD    DBL 6713 HLPD

### Typical Analysis

Properties	Unit	Method	Typical Value
ISO VG Grade		ISO 3448	68
Density @15°C	kg/m <sup>3</sup>	ASTM D4052	885
Kin. Viscosity @40°C	mm <sup>2</sup> /s	ASTM D7042	69
Kin. Viscosity @100°C	mm <sup>2</sup> /s	ASTM D7042	8.8
Viscosity Index		ASTM D2270	99
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-30

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