

Respina Hydraulic HLPD

Industrial detergent hydraulic oil



Description

Respina Hydraulic HLPD series are high performance detergent hydraulic oils developed to provide excellent performance in hydraulic systems operating under challenging environments. The advanced detergent anti-wear technology leads to dispersion of solid contaminants and provides outstanding load-carrying properties.

Specification and Approvals:

- DIN 51524 Part 2 HLPD
- ISO 6743-4 HM
- ISO 11158 (HM fluids)

Advantages & Benefits

- Advanced detergent additive technology to provide protection over various conditions
- Prevents water accumulation
- Excellent thermo-oxidative stability controls the formation of sludge & varnish
- Excellent anti-rust and anti-corrosion properties

Typical Data

Property	unit	HLPD 15	HLPD 22	HLPD 32	HLPD 46	HLPD 68	HLPD 100	Test method
Viscosity at 40°C	Cst	15	22	32	46	68	100	ASTM D445
Viscosity at 100°C	Cst	3.8	4.8	5.5	6.9	8.5	11	ASTM D445
Viscosity Index (VI)	-	98	98	98	98	98	98	ASTM D2270
Flash Point	°C	180	190	215	220	225	234	ASTM D92
Pour Point	°C	-39	-39	-30	-27	-24	-21	ASTM D97
Density	kg/m ³	872	872	872	880	883	885	ASTM D4052

- ❖ Respina Hydraulic HLPD oils are formulated and produced in RESPINA LUBRICANTS blending site and presented data is based on standard tests under laboratory conditions and is given as a guide only. These characteristics are typical of current production and acceptable variation may occur.