

Respina HydroFluid ZF

High performance zinc-free hydraulic oil



Description

Respina HydroFluid ZF series are high performance zinc-free hydraulic oils developed to provide excellent performance in hydraulic systems operating under moderate to severe conditions. They are formulated with an advanced ashless anti-wear technology and select base oils to provide outstanding protection in most equipment operations.

Specification and Approvals:

- DIN 51524 Part 2 HLP
- ISO 11158 (HM fluids)

Advantages & Benefits

- Advanced ashless additive technology to provide protection over various conditions
- Excellent thermo-oxidative stability controls the formation of sludge & varnish
- Excellent anti-rust and anti-corrosion properties
- Compatible with multi-metals & sealing materials used in hydraulic systems

Typical Data

Property	unit	ZF 15	ZF 22	ZF 32	ZF 46	ZF 68	ZF 100	Test method
Viscosity at 40°C	Cst	15	22	32	46	68	100	ASTM D445
Viscosity at 100°C	Cst	3.7	4.4	5.4	6.8	8.7	11.3	ASTM D445
Viscosity Index (VI)	-	98	98	98	98	98	98	ASTM D2270
Flash Point	°C	185	200	215	225	230	234	ASTM D92
Pour Point	°C	-30	-30	-30	-30	-27	-21	ASTM D97
Density	kg/m ³	860	865	872	875	880	885	ASTM D4052

❖ The above data are typical and acceptable variation may occur during production. Also, some possible changes or modifications can be made upon customer request and specific needs.