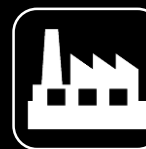


# Respina Hydraulic ZF-HV

Zinc-free high viscosity index hydraulic oil



## Description

Respina Hydraulic ZF-HV are ashless high viscosity index hydraulic oils from the best refinery mineral base oil for using in hydraulic systems where high temperature variation exists. These oils have zinc-free anti-wear additives to provide protection over wide range of conditions including severe duty and high load operation.

## Specification and Approvals:

- DIN 51524 Part 3 HVLP
- ISO 6743/4 HV

## Advantages & Benefits

- High viscosity index assures equipment protection at high operating temperatures
- 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-HV 15	ZF-HV 22	ZF-HV 32	ZF-HV 46	ZF-HV 68	ZF-HV 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	6.3	7.9	10.5	14	ASTM D445
Viscosity Index (VI)	-	142	142	142	142	142	142	ASTM D2270
Flash Point	°C	180	190	215	220	220	230	ASTM D92
Pour Point	°C	-39	-39	-36	-36	-33	-30	ASTM D97
Density	kg/m <sup>3</sup>	872	872	872	872	877	880	ASTM D4052

- ❖ Respina Hydraulic ZF-HV 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.