



Product Data Sheet:

HYDRAULIC OIL HV 100

Product Description:

HYDRAULIC OIL HV 100 is a premium quality anti wear hydraulic oils developed for use in high pressure hydraulic systems operating under varying temperatures where small viscosity changes with fluctuating temperatures are preferred.

HYDRAULIC OIL HV 100 oil is formulated with carefully selected base stocks fortified with additives and a very shear stable viscosity index improver to impart excellent protection towards wear, rust and oxidation. The viscosity improver reduces the viscosity decrease with rising temperatures.

HYDRAULIC OIL HV 100 is formulated with field proven thermally stable, zinc based anti wear additives.

HYDRAULIC OIL HV 100 provides excellent water demulsibility as well as de-aeration and effectively protects against rust and oxidation.

HYDRAULIC OIL HV 100 can be used in hydraulic systems in stationary and mobile hydraulic systems, as well as for general machine lubrication.

Specifications:

Exceeds: DIN 51524/3 HVLP, ISO 11158 HV, AFNOR NFE 48-603 HV

Property:	Test Method:	Typical Values:
ISO Viscosity Grade	ISO 3448	100
Density @ 15°C	ASTM D4052	882 kg/m ³
Kinematic Viscosity @ 40°C	ASTM D7042	90-110 mm ² /s
Kinematic Viscosity @ 100°C	ASTM D7042	14.5 mm ² /s
Viscosity Index	ASTM D2270	>155
Flash Point (COC)	ASTM D92	>195°C
Pour Point	ASTM D97	-24°C
Air Release Value @ 50°C	DIN 51381	<5 minutes
Demulsibility @ 54°C	DIN 51599	<60 minutes

Product nr: 4355

Date Issued: 17/10/2011

Date Superseded: -

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