

Equivis XV

Very high viscosity index anti-wear hydraulic oils with high shear resistance

APPLICATIONS

Equivis XV is a range of anti-wear hydraulic fluids recommended for all kind of hydraulic circuits operating within a very wide temperature range.

Their excellent viscosimetric properties and their high shear resistance make the oils especially suitable for the use in mobile machines hydraulic systems intended for cold regions or which must work in low temperature environments such as cold stores.

ADVANTAGES

Very high viscosity index (VI > 250).

Very high shear stability to ensure proper working of the hydraulic system in a very wide temperature range even under extreme shear rate conditions.

Easy low temperature operation due to a very low pour point and an exceptional viscosimetric behavior.

High protection against wear insuring maximum equipment life.

Superior thermal and hydrolysis stability.

Good oxidation stability ensuring a long service life of the fluid.

Excellent protection against rust and corrosion.

Good anti-foam, air release, and desemulsibility properties.

Good behavior towards current elastomers.

SPECIFICATIONS

ISO 6743/4 HV

ISO 11158 HV

This lubricant used as recommended and for the application for which it has been designed does not present any particular risk. A material safety data sheet conforming to the regulations in use in the E.C. can be obtained from your local commercial advisor or downloaded at ms-sds.totalenergies.com

TYPICAL CHARACTERISTICS

Properties	Units	Standards	Equivis XV	
			32	46
Appearance	-	Visual	Clear liquid	
Density at 15°C	kg/m ³	ISO 3675	880	888
Viscosity at -20°C	mm ² /s	ISO 3104	428	872
Viscosity at 0°C	mm ² /s	ISO 3104	127	240
Viscosity at 40°C	mm ² /s	ISO 3104	32	46
Viscosity at 100°C	mm ² /s	ISO 3104	8.58	11.5
Viscosity index	-	ISO 2909	280	260
Flash point	°C	ISO 2592	140	>160
Pour point	°C	ISO 3016	<-50	<-42
Shear Resistance 250 cycles :	-	DIN 51382		
- Viscosity loss at 40°C	cSt	DIN 51382	<0.5	<0.5
- Viscosity loss at 40°C	%	DIN 51382	<2	<2
- VI loss	%	DIN 51382	<2	<2
FZG A/8,3/90	Stage	DIN 51354/2	11	11

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