

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

TECHNICAL DATA SHEET

V.01/2023 Ref. 0000000



TYPICAL CHARACTERISTICS

Units	Standards	Equivis XV	
		32	46
-	Visual	Clear liquid	
kg/m³	ISO 3675	880	888
mm²/s	ISO 3104	428	872
mm²/s	ISO 3104	127	240
mm²/s	ISO 3104	32	46
mm²/s	ISO 3104	8.58	11.5
-	ISO 2909	280	260
°C	ISO 2592	140	>160
°C	ISO 3016	<-50	<-42
-	DIN 51382		
cSt	DIN 51382	<0.5	<0.5
%	DIN 51382	<2	<2
%	DIN 51382	<2	<2
Stage	DIN 51354/2	11	11
	- kg/m ³ mm ² /s mm ² /s mm ² /s - °C °C °C - cSt % %	· Visual kg/m³ ISO 3675 mm²/s ISO 3104 - ISO 2909 °C ISO 2592 °C ISO 3016 - DIN 51382 % DIN 51382 % DIN 51382	Units Standards 32 · Visual Cli kg/m³ ISO 3675 880 mm²/s ISO 3104 428 mm²/s ISO 3104 127 mm²/s ISO 3104 32 mm²/s ISO 3104 32 mm²/s ISO 3104 8.58 - ISO 2909 280 °C ISO 2592 140 °C ISO 3016 <-50

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