

# EQUIVIS XV



Lubrication



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

## APPLICATIONS

### Hydraulic

- **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 have to work in low temperature environments such as cold stores.

## SPECIFICATIONS

### International specifications

- AFNOR NF E 48-603 HV
- DIN 51524 P3 HVLP
- ISO 6743/4 HV

## ADVANTAGES

### Low temperature operation

- 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 behaviour.

### Long equipment life time

- High protection against wear insuring maximum equipment life.
- Superior thermal and hydrolysis stability.

### High operating reliability

- Good oxidation stability ensuring a long service life of the fluid
- Excellent protection against rust and corrosion.
- Good anti-foam, air release and desmulsibility properties.
- Good behaviour towards current elastomers.

TYPICAL CHARACTERISTICS	METHODS	UNITS	EQUIVIS XV	
			32	46
Appearance (visual)	Internal	-	Clear liquid	
Density at 15 °C	ISO 3675	kg/m <sup>3</sup>	880	888
Viscosity at -20°C	ISO 3104	mm <sup>2</sup> /s	428	872
Viscosity at 0°C	ISO 3104	mm <sup>2</sup> /s	127	240
Viscosity at 40°C	ISO 3104	mm <sup>2</sup> /s	30.6	46
Viscosity at 100°C	ISO 3104	mm <sup>2</sup> /s	8.58	11.5
Viscosity index	ISO 2909	-	205	190
Cleveland flash point	ISO 2592	°C	144	> 160
Pour point	ISO 3016	°C	< - 50	< - 42
Shear Resistance 250 cycles	DIN 51382			
Viscosity loss @ 40°C		cst	< 0.5	< 0.5
Viscosity loss @ 40°C		%	< 2	< 2
VI loss		%	< 2	< 2
FZG test (A/8, 3/90) – fail stage	DIN 51354	stage	11	11

Above characteristics are mean values given as an information.

TOTAL LUBRIFIANTS  
Industrie & Spécialités

22 october 2002 (supersedes 19 july 2002)

EQUIVIS XV

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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 adviser or down loaded from

[www.quick-fds.com](http://www.quick-fds.com).

