

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.

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

High operating reliability

- Excellent protection against rust and corrosion.
- Good anti-foam, air release and desemulsibility properties.
- Good behaviour towards current elastomers.

| TYPICAL CHARACTERISTICS | METHODS | UNITS | EQUIVIS XV | |
|--------------------------------|-----------|--------------------|--------------|--------|
| | | | 32 | 46 |
| Appearance | Internal | - | Clear liquid | |
| Density at 15 °C | ISO 3675 | kg/m ³ | 880 | 888 |
| Viscosity at - 20°C | ISO 3104 | mm ² /s | 428 | 872 |
| Viscosity at 0°C | ISO 3104 | mm ² /s | 127 | 240 |
| Viscosity at 40°C | ISO 3104 | mm ² /s | 32 | 46 |
| Viscosity at 100°C | ISO 3104 | mm ² /s | 8.58 | 11.5 |
| Viscosity index | ISO 2909 | - | 280 | 260 |
| Flash point Cleveland Open Cup | ISO 2592 | °C | 140 | > 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) | DIN 51354 | Fail stage | 11 | 11 |

Above characteristics are mean values given as an information.

TOTAL LUBRIFIANTS
Industrie & Spécialités
23-05-2012 (supersedes 09-12-2010)
EQUIVIS XV
1/1



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.