High viscosity index anti-wear hydraulic oils.

**APPLICATIONS**

**Hydraulic systems**

- **EQUIVIS ZS** range is recommended for all kind of hydraulic systems operating under high pressure (limit as indicated by the pump manufacturer) and high temperature.
- Lubricants especially suitable for hydraulic systems working under extreme temperature variations and equipment operating outside: easy start up at low temperature and regular operating in all seasons: civil engineering, agriculture, marine, transport and other industrial applications.

**SPECIFICATIONS**

International specifications

- AFNOR NF E 48-603 HV
- ISO 6743/4 HV
- DIN 51524 P3 HVLP
- VICKERS M-2950S, -I-286

**ADVANTAGES**

- Very high viscosity index
- Good shear stability.
- Superior thermal stability avoiding the formation of sludge even at high temperature.
- Very good oxidation stability ensuring a long service life of the fluid.
- High protection against wear insuring maximum equipment life.
- Excellent hydrolytic stability avoiding filter blocking.
- Remarkable filterability even in the presence of water.
- Excellent protection against rust and corrosion.
- Good anti-foam and air release properties by using silicon free components.
- Very low pour point.
- Good demulsibility ensuring rapid water separation.

**TYPICAL CHARACTERISTICS**

| Appearance | Internal | - | Clear liquid |
| Density at 15°C | ISO 3675 | kg/m³ | 858 861 870 874 882 885 |
| Viscosity at 40°C | ISO 3104 | mm²/s | 15 22 32 46 68 100 |
| Viscosity at 100°C | ISO 3104 | mm²/s | 3.7 5.1 6.5 8.4 11.2 15.6 |
| Viscosity index | ISO 2909 | - | 151 164 160 161 161 165 |
| Cleveland flash point | ISO 2592 | °C | 174 202 208 215 220 230 |
| FZG (A/B, 3/90) - fail stage | DIN 51354 | - | - - 10 11 11 - |
| Filterability index (IF) | NF E 48-690 | - | 1.05 1.02 1.09 1.02 1.09 1.05 |
| Shear resistance 250 cycles | DIN 51382 | % | - - 3 5 8 - |

Above characteristics are mean values given as an information.