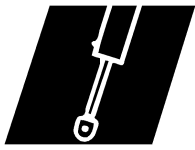


EQUIVIS AF



Lubrication



High viscosity index hydraulic oils.

APPLICATIONS

Hydraulic systems

EQUIVIS AF is a “zinc-free” high performance hydraulic fluid for:

- all kind of hydraulic systems operating under high pressure (limit as indicated by the pump manufacturer) and high temperature (up to 100°C in hot points).
- hydraulic systems working under extreme temperature variations and equipment operating outside : easy start up at low temperature (-30°C) and regular operating in all seasons : civil engineering, agriculture, marine, transport and other industrial applications.

SPECIFICATIONS

International specifications

- ISO 6743/4 HV
- DIN 51524-3 HVLP

ADVANTAGES

Long equipment life time High operating reliability

- Very high viscosity index and shear stability for a wide range of operating temperature.
- 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, rust and corrosion ensuring maximum equipment life.
- Excellent hydrolytic stability avoiding filter blocking.
- Remarkable filterability even in the presence of water.
- Good anti-foam and air release properties by using **silicon free** components.
- Low pour point.
- Good demulsibility ensuring rapid water separation.
- **EQUIVIS AF** does not contain heavy metals or zinc to avoid contributing to their accumulation in the environment.

TYPICAL CHARACTERISTICS	METHODS	UNITS	EQUIVIS AF		
			32	46	68
Density at 15°C	ISO 3675	kg/m ³	848	851	856
Viscosity at 40°C	ISO 3104	mm ² /s	32	46	68
Viscosity at 100°C	ISO 3104	mm ² /s	6,99	8,91	11,8
Viscosity index	ISO 2909	-	170	170	170
Cleveland flash point	ISO 2592	°C	235	240	250
Pour point	ISO 3016	°C	- 42	- 42	- 36
FZG (A/8, 3/90) - fail stage	DIN 51354	palier	10	12	13

Above characteristics are mean values given as an information.

TOTAL LUBRIFIANTS
Industrie & Spécialités
30-01-2012
EQUIVIS AF
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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.