



High viscosity index hydraulic fluid, with very high shear stability.

APPLICATIONS

- EQUIVIS HE is an hydraulic fluid designed for industrial hydraulic systems and mobile equipments.

SPECIFICATIONS

International Standards

- ISO 11158 , HV

OEM

- DIN 51524-3 , HVLP

- DENISON approved: HF0, HF1, HF2

ADVANTAGES

Efficiency

- EQUIVIS HE has been designed to optimize the hydraulic systems performances and reliability compared to conventional HM or HV hydraulic fluids:

Equipment protection

- High and very shear stable viscosity index which provide a higher lubricating film thickness, ensuring a better wear protection during all the fluid service life and improving the material efficiency.

Longevity

- Reinforced anti-foam properties and very good air release behaviour limiting the air content of the fluid, maintaining a very low fluid compressibility and reducing cavitations issues.

- Very good rust and corrosion protections.
- High thermal and hydrolytic stabilities to ensure an optimum material protection in critical working conditions and limit deposits formation.
- Very high oxidation stability for a longer service life, limiting the drain frequency and related maintenance costs.

TYPICAL CHARACTERISTICS	METHODS	UNITS	EQUIVIS HE		
			32	46	68
Appearance	Visual	-	Clear liquid	Clear liquid	Clear liquid
Density at 15 °C	ASTM D 4052	-	0.850	0.860	0.865
Kinematic Viscosity at 40 °C	ASTM D 445	mm ² /s	32	46	68
Kinematic Viscosity at 100 °C	ASTM D 445	mm ² /s	7.2	9.4	12.5
Viscosity Index	ASTM D 2270	-	195	180	184
Flash point Cleveland	ASTM D 92	°C	236	248	256
Pour point	ASTM D 97	°C	- 49	- 45	- 36
Shear stability KRL 20h	DIN 51350-6	%	10,9	10,8	10,2
100 °C viscosity loss					

Above characteristics are mean values given as an information.

TOTAL LUBRIFIANTS

Industrie

11-10-2020 (supersedes 04-07-2016)

EQUIVIS HE

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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.

