TECHNICAL DATA SHEET

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Equivis HE

High viscosity index hydraulic fluid, with very high shear stability

APPLICATIONS

Equivis HE is a hydraulic fluid designed for industrial hydraulic systems and mobile equipment.

ADVANTAGES

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

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

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

Very good rust and corrosion protection.

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.

SPECIFICATIONS

- ISO 11158 HV
- DIN 51524-3 HLVP

APPROVALS

DENISON HF0, HF1, HF2

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 advisor or downloaded at ms-sds.totalenergies.com

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TYPICAL CHARACTERISTICS

Properties	Units	Standards	Equivis HE		
			32	46	68
Appearance	-	Visual	Clear liquid		
Density at 15°C	kg/m^3	ASTM D4052	850	860	865
Viscosity at 40°C	mm²/s	ASTM D445	32	46	68
Viscosity at 100°C	mm²/s	ASTM D445	7.2	9.4	12.5
Viscosity index	-	ASTM D2270	195	180	184
Flash point	°C	ASTM D92	236	248	256
Pour point	°C	ASTMD97	-49	-45	-36
Shear stability KRL 20h 100°C viscosity loss	%	DIN 51350-6	10.9	10.8	10.2

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