

# Equivis AF

Zinc-free, high-performance, and high viscosity index hydraulic fluid, meeting the requirements of mobile and stationary hydraulic equipment designs

## APPLICATIONS

All types of hydraulic circuits. Hydraulic pumps and presses. Mobile & industrial hydraulic systems.

- Hydraulic systems operating under high pressure and/or high temperature conditions.
- Sensitive hydraulic circuits requiring perfect fluid filterability and circuit cleanliness.
- Limited deposits formation thanks to its selective chemistry.
- Lubrication of circuits in various heavy industrial sectors such as mining, steel, agriculture, food industries, etc.
- Any application where a high-performance, anti-wear, zinc-free hydraulic oil is required.

## ADVANTAGES

High protection against wear, rust and corrosion ensuring maximum equipment lifetime.

Superior oxidation and thermal stability avoiding sludge formation even at high temperatures.

High viscosity index and shear stability for a wide range of operating temperatures.

Rapid air release properties to avoid equipment damage related to cavitation.

Good filtration, water separation and excellent hydrolytic stability to ensure a clean hydraulic circuit and avoiding filter blockage.

## SPECIFICATIONS

- ISO 6743-4 HV
- ISO 11158 HV
- DIN 51524-3 HLVP

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](http://ms-sds.totalenergies.com)

## TYPICAL CHARACTERISTICS

Properties	Units	Standards	Equivis AF		
			32	46	68
Density at 15°C	kg/m <sup>3</sup>	ASTM D4052	842	862	870
Viscosity at 40°C	mm <sup>2</sup> /s	ASTM D445	32	46	68
Viscosity at 100°C	mm <sup>2</sup> /s	ASTM D445	6.9	8.4	11.4
Pour point	°C	ASTMD97	-40	-42	-42
Viscosity index	-	ASTM D2270	170	163	163
FZG A/8, 3/90	Stage	DIN 51354-2	10	12	>12
Foaming sequence 1	mL/mL	DIN 51566	10/0	0/0	0/0
Flash point	°C	ASTM D92	238	238	242

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