



# AZOLLA AF

Premium anti-wear hydraulic fluid, without zinc, with outstanding mechanical properties

## Applications

All type of hydraulic circuits

Hydraulic pumps and presses

- Hydraulic systems operating under high pressure and/or high temperature conditions.
- High pressure vane, piston or gear pumps
- Sensitive hydraulic circuits requiring perfect fluid filterability, such as plastic injection molding machines
- Lubrication of circuits in various industrial sectors such as food industries, paper mills, steel industries.
- Any application where a high-performance anti-wear hydraulic oil is required: plain and roller bearings, reducers under high load.

## Specifications

International specifications

Manufacturers

- ISO 6743-4 HM
- ISO 11158 HM
- DIN 51524-2 HLP
- AIST 127
- SAE MS 1004
- GM LS-2
- Bosch Rexroth RE 90 245
- EATON E-FDGN-TB002-E
- Parker Denison HF0, HF1, HF2

## Advantages

Long equipment lifetime

High operating reliability

- Anti-wear properties guaranteeing the protection of mechanical components
- Remarkable resistance to oxidation and thermal stability: longer service life of the oil and longer oil change intervals.
- Excellent filterability with or without the presence of water
- Enhanced anti-rust and anti-corrosion properties for optimum protection of circuit components
- Very good behavior with respect to air: rapid deaeration and low tendency to foam

TYPICAL CHARACTERISTICS	METHODS	UNITS	AZOLLA AF				
			22	32	46	68	100
Densité à 15 °C	ASTM D4052	kg/m <sup>3</sup>	854	858	862	865	861
Viscosité à 40 °C	ASTM D445	mm <sup>2</sup> /s	22	32	46	68	100
Point d'écoulement	ASTM D97	°C	-42	-40	-38	-36	-33
Indice de Viscosité (VI)	ASTM D2270	-	110	112	112	110	100
FZG (A/8, 3/90)	DIN 51354-2	Stage	-	12	12	12	>12
Moussage Séquence1	DIN 51566	ml/ml	<30/0	<30/0	<30/0	<30/0	<30/0
Point d'éclair Cleveland VO	ASTM D92	°C	221	224	238	260	263

Above characteristics are mean values given as an information



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