

AZOLLA D



Lubrication



Detergent anti-wear hydraulic oil

APPLICATIONS

Hydraulic

- Any hydraulic systems where significant amounts of water in the circuit can not be avoided and when it is impossible to drain off the water.
- The detergent additivation guaranty a high operating reliability even under unfavourable working conditions, high water level in particular.

SPECIFICATIONS

International Specifications

O.E.M.'s

- ISO 6743/4
- DIN 51 524 p 2, HLP (with the exception of water separation)
- AFNOR NF E 48 603 HM (with the exception of water separation)
- MAN N 698
- MÜLLER WEINGARTEN

ADVANTAGES

Long equipment life time

- Detergent characteristics allowing the fluid to absorb large quantities of water while preserving its properties.
- High oxidation stability allowing a long equipment life time.
- High thermal stability giving the fluid good resistance at high operating temperatures.

High operating reliability

- Excellent antiwear capacity ensuring an extended life time of product.
- Excellent anti-rust properties.
- Excellent level of resistance to foaming together with rapid air release.

TYPICAL CHARACTERISTICS	METHODS	UNITS	AZOLLA D 46
Appearance (visual)	Internal	-	Clear liquid
Density at 15 °C	ISO 3675	Kg/m ³	877
Viscosity at 40°C	ISO 3104	mm ² /s	46
Viscosity at 100°C	ISO 3104	mm ² /s	6.8
Viscosity index	ISO 2909	-	100
Cleveland flash point	ISO 2592	°C	230
Pour point	ISO 3016	°C	- 21
FZG (A/8, 3/90) fail stage	DIN 51354	Stage	12
Wear Brügger test	Brügger	N/mm ²	30

Above characteristics are mean values given as an information.

TOTAL LUBRIFIANTS
Industrie & Spécialités

15 november 2002 (supersedes 14 may 2001)

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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.

