AZOLLA DZF

Lubrication

Detergent anti-wear hydraulic oils.

APPLICATIONS

Hydraulic circuits

- Any hydraulic circuits where significant amounts of water are unavoidably introduced and when it is impossible to drain off the water (for instance on circuits that work around the clock).
- Any hydraulic circuits working under loaded conditions : lubrication of stamping presses for example (Müller Weingarten approval).

SPECIFICATIONS

International specifications

- ISO 6743/4
- DIN 51 524 p 2, HLP (except desemulsibility)
- AFNOR NF E 48 603 HM (except desemulsibility)

O.E.M.

- MAN N 698 H-LPD
- MÜLLER WEINGARTEN

ADVANTAGES

Detergent properties

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

Excellent anti - wear properties

- Excellent antiwear capacity ensuring an extended life time of product.
- Excellent level of resistance to foaming (silicon free defoamer) together with rapid air release.
- Specially formulated to provid good filterability even in presence of high water content.

TYPICAL CHARACTERISTICS	METHODS	UNITS	AZOLLA DZF					
			10	22	32	46	68	100
Appearance (visual)	-	-	Clear					
Density at 15 °C	ISO 3104	kg/m^3	852	866	875	880	882	888
Viscosity at 40°C	ISO 3104	mm^2/s	9.8	22.5	32.7	46.4	67.1	100.2
Viscosity at 100°C	ISO 3104	mm^2/s	2.6	4.4	5.5	6.9	8.6	11.3
Viscosity index	ISO 2909	-	101	103	102	106	100	98
Cleveland flash point OC	ISO 2592	°C	164	202	210	215	230	240
Pour point	ISO 3016	°C	- 39	- 36	- 33	- 33	- 30	- 24
FZG (A/8, 3/90) Fail Stage	DIN 51 354	Stage			12	12	12	
Brügger EP test	-	N/mm^2				58		

Above characteristics are mean values given as an information.