

# AZOLLA MULTI 32 HC



Hydraulic oil

Zinc-free Detergent multifunctional oil. Complementary to Valona HC cutting oils.

## APPLICATIONS

Hydraulic circuits & slideways

Cutting

- 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).
- Any hydraulic circuits subjected to high levels of pollution.
- Precision turning, drilling, milling, tapping of brass and free-cutting steels.

## SPECIFICATIONS

International specifications

- ISO 6743-4 HM
- DIN 51 524 p 2, HLP-D (Detergent properties).

## ADVANTAGES

Workspace environment  
Detergent properties

Excellent anti - wear  
properties

- Odorless.
- Detergent characteristics allowing the fluid to absorb large quantities of water while preserving its properties.
- Detergent/Dispersant characteristics keeping the hydraulic system clean.
- High thermal stability giving the fluid good resistance at high operating temperatures.
- Excellent antiwear capacity ensuring an extended life time.
- Excellent level of resistance to foaming (silicon free defoamer) together with rapid air release.
- Specially formulated to provide good filterability even in presence of high water content.
- Protection against rust and corrosion.

TYPICAL CHARACTERISTICS	METHODS	UNITS	AZOLLA MULTI 32 HC
Density at 15 °C	ISO 3675	kg/m <sup>3</sup>	862
Viscosity at 40°C	ISO 3104	mm <sup>2</sup> /s	32
Viscosity at 100°C	ISO 3104	mm <sup>2</sup> /s	5.4
Viscosity index	ISO 2909	-	108
Cleveland flash point OC	ISO 2592	°C	218

Above characteristics are mean values given as an information.

TOTAL LUBRIFIANTS  
INDUSTRIE

16-10-2017 (supersedes 12-09-2017)  
AZOLLA MULTI 32 HC  
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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 downloaded from [www.quick-fds.com](http://www.quick-fds.com).