



APPLICATIONS

Eni OSO TEC 100 is a high performance antiwear hydraulic oil, specifically designed to meet the most rigorous performance requirements of a wide range of hydraulic system and component manufacturers. It's formulated with selected base oils treated with "low zinc" technology ensuring excellent antiwear, antirust and antioxidant properties. It has an outstanding filterability in service.

Eni OSO TEC 100 is also suitable for other duties in which lubricants of high oxidation stability and lubrication performance are required, allowing use of a single product with excellent performance characteristics.

CUSTOMER ADVANTAGES

- Prolongs oil charge life extending re-lubrication intervals thanks to very high termooxidative stability
- Suitable for hydraulic systems with very thin filters (3 microns)
- Maximizes water removal system efficiency thanks to excellent demulsibility
- Protects components reducing downtime thanks to outstanding antiwear property (FZG Failure Load Stage:>12°)
- Helps prevent aeration and cavitation damage in low residence time systems thanks to rapid air release
- Minimizes deposits formation contributing to system cleanliness

SPECIFICATIONS - APPROVALS

- ISO 11158 HM
- DIN 51524-2 HLP





CHARACTERISTICS

Properties	Method	Unit	Values		Typical
			Min	Max	
Appearance	ASTM D 4176	-			Clear
Colour	ASTM D 1500	-			1.0
Density at 15°C	ASTM D 4052	kg/m ³			878
Viscosity at 40°C	ASTM D 445	mm ² /s			100
Viscosity at 100°C	ASTM D 445	mm ² /s			11.1
Viscosity Index	ASTM D 2270	-	95		105
Pour point	ASTM D 6749	°C		-18	-21
Demulsibility at 54°C	ASTM D 1401	minutes		30	10
Foaming (sequence I)	ASTM D 892	cc/cc		100/0	20/0
Crackle Test	-	-			DRY



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