



APPLICATIONS

Eni OSO 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 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 thermo-oxidative 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
- 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

- REXROTH RD 90220-01/12.10
- AFNOR NF E 48603 HM
- DIN 51524-2 HLP
- ISO 11158 HM
- BS 4231 HSD





CHARACTERISTICS

Properties	Method	Unit of Measure	Typical
Appearance	APM 27	-	clear
Density at 15°C	ASTM D 4052	kg/m ³	890
Viscosity at 40°C	ASTM D 445	mm ² /s	100
Viscosity index	ASTM D 2270	-	99
Flash point (COC)	ASTM D 92	°C	235
Pour point	ASTM D 97	°C	-24
Demulsibility at 82°C	ASTM D 1401	mins	20
Foaming (sequence I)	ASTM D 892	cc/cc	20/0



eni