



APPLICATIONS

Eni OSO S 46 is an antiwear hydraulic oil for hydraulic systems particularly sensitive to deposits formation.

It is formulated with selected base oils treated with ashless technology ensuring excellent antiwear, antirust and antioxidant properties. It exhibits excellent oxidation stability and outstanding filterability in service.

Eni OSO S 46 can be also used to lubricate other several mechanical components such as plain and rolling bearings, joints and unloaded gears.

CUSTOMER ADVANTAGES

- Ensures lubricated components protection during operation thanks to a robust antirust wear additive system
- Prevents deposits formation due to ashless additives
- 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) thanks to excellent filterability

SPECIFICATIONS & APPROVALS

- Fives Cincinnati P-70 level
- Eaton Vickers I-286-S level
- Eaton Vickers M-2950-S level
- Denison HF-0 level
- BS 4231 HSD
- AFNOR NF E 48603 HM
- DIN 51524-2 HLP
- ISO 11158 HM





CHARACTERISTICS

Properties	Method	Unit of Measure	Typical
Appearance	APM 27	-	clear
Density at 15°C	ASTM D 4052	kg/m ³	881
Viscosity at 40°C	ASTM D 445	mm ² /s	46
Viscosity index	ASTM D 2270	-	108
Flash point (COC)	ASTM D 92	°C	227
Pour point	ASTM D 97	°C	-27
Demulsibility	ASTM D 1401	mins	20

