



APPLICATIONS

Eni Oso TEC 46 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 46 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 termoossidative 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
- BS 4231 HSD
- AFNOR NF E 48603 HM
- DENISON HF-0 Level
- Fives Cincinnati P-69 level
- US Steel 136





- US STEEL 127

CHARACTERISTICS

| Properties | Method | Unit | Typical |
|-----------------------|-------------|--------------------|---------|
| Appearance | ASTM D 4176 | - | B&C |
| Density at 15°C | ASTM D 4052 | kg/m ³ | 867 |
| Viscosity at 40°C | ASTM D 445 | mm ² /s | 46 |
| Viscosity at 100°C | ASTM D 445 | mm ² /s | 7.05 |
| Viscosity Index | ASTM D 2270 | - | 111 |
| Pour point | ASTM D 6749 | °C | -36 |
| Demulsibility at 54°C | ASTM D 1401 | minutes | 10 |
| Foaming (sequence I) | ASTM D 892 | cc/cc | 20/0 |



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