



## APPLICATIONS

**Eni Arnica 32** is a high performance antiwear hydraulic oil, specifically designed to meet the needs of modern, high pressure, industrial and mobile equipment hydraulic systems. It's formulated with selected base oils treated with "low zinc" technology ensuring excellent thermal, oxidative and hydrolytic stability.

**Eni Arnica 32** is recommended for outdoor equipment which are likely to operate in wide temperature range, such as systems where cold start-up and high operating temperatures are typical (marine applications). It's suitable also for indoor manufacturing equipment that incorporates control systems requiring minimal viscosity change with temperature.

## CUSTOMER ADVANTAGES

- Suitable for applications operating in a wide temperature range thanks to an high viscosity index and an outstanding viscosity stability
- Suitable for hydraulic systems with very thin filters (3 microns)
- Prolongs oil change life extending re-lubrication intervals thanks to very high thermo-oxidative stability
- Protects hydraulic pumps and components thanks to an outstanding antiwear property
- Helps prevent aeration and cavitation damage in low residence time systems thanks to rapid air release
- Compatible with a wide variety of component metallurgy
- Maximizes water removal system efficiency thanks to excellent demulsibility

## SPECIFICATIONS - APPROVALS

- Fives Cincinnati P-68
- CETOP RP 91 H HV
- AFNOR NF E 48603 HV
- BS 4231 HSE
- Commercial Hydraulics
- Linde





- AISE 127
- Sauer Danfoss 520L0463
- Eaton Vickers I-286-S
- DIN 51524-3 HVLP
- ISO 11158 HV
- Eaton Vickers M-2950-S level
- Rexroth RD 90220-01/12.10
- ZF TE-ML 04R
- Denison HF-0, HF-1, HF-2 Level

## CHARACTERISTICS

Properties	Method	Unit	Typical
Appearance	APM 27	-	clear
Density at 15°C	ASTM D 4052	kg/m <sup>3</sup>	869
Viscosity at 40°C	ASTM D 445	mm <sup>2</sup> /s	32.0
Viscosity Index	ASTM D 2270	-	156
Flash point COC	ASTM D 92	°C	215
Pour point	ASTM D 5950	°C	-36
Demulsibility at 54°C	ASTM D 1401	mins	15

