



APPLICATIONS

Eni Arnica 68 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 68 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 a high viscosity index and an excellent 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 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

- Commercial Hydraulics
- Linde
- AISE 127
- CETOP RP 91 H HV
- Danieli Standard n. 0.000.001 - Rev.15
- BS 4231 HSE





- AFNOR NF E 48603 HV
- Eaton Vickers I-286-S
- Sauer Danfoss 520L0463
- Fives Cincinnati P-69
- Rexroth RD 90220-01/12.10
- ISO 11158 HV
- Eaton Vickers M-2950-S level
- DIN 51524-3 HVLP
- 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 ³	883
Viscosity at 40°C	ASTM D 445	mm ² /s	68.0
Viscosity Index	ASTM D 2270	-	148
Flash point COC	ASTM D 92	°C	222
Pour point	ASTM D 5950	°C	-33
Demulsibility at 54°C	ASTM D 1401	mins	15
Foaming (sequence I)	ASTM D 892	cc/cc	50/0
Cleanliness class	ISO 4406	-	19/17/15



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