



Eco friendly

APPLICATIONS

Eni Arnica ESB 46 is an "eco-friendly" high performance hydraulic developed for applications operating in severe working conditions (wide operating temperature range) and/or situated in environmentally sensitive areas: agriculture and forestry, navigation and off-shore.

Eni Arnica ESB 46 is based on saturated synthetic esters, readily biodegradable and not bio-accumulative.

CUSTOMER ADVANTAGES

- Readily biodegradable
- Fulfills the requirements of the EU Ecolabel for hydraulic fluids
- WGK 1 rating according to the German WGK Classification
- Compatible with seals and all types of elastomers (NBR,HNBR)
- Outstanding oxidation resistance and corrosion protection
- High viscosity index
- Ensures prolonged storage at -30°C

SPECIFICATIONS & APPROVALS

- ISO 15380 HEES
- Eaton Vickers 35VQ-25
- EU ECOLABEL - n° DE/027/142





CHARACTERISTICS

Properties	Method	Unit of Measure	Typical
Density at 15°C	ASTM D 4052	kg/m ³	884
Viscosity at 40°C	ASTM D 445	mm ² /s	46
Viscosity Index	ASTM D 2270	-	177
Flash point (COC)	ASTM D 92	°C	280
Pour point	ASTM D 97	°C	-45
Demulsibility at 54°C	ASTM D 1401	mins	18
Corrosion (steel)	DIN ISO 7120 A, B	-	pass
Copper corrosion	ASTM D 130	-	1A
Biodegradability	OECD 301 B	%	>60



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