



Eni Arnica S

Eni Arnica S is a high-performance hydraulic oil, specifically designed for hydraulic systems operating in areas where there is a fire hazard owing to the presence of very high temperatures, such as in rolling mills or when other sources of ignition are present such as electric arc and welders. It is based on organic biodegradable esters with very high viscosity index and high flash point. It has outstanding antiwear, anticorrosive and antirust properties.

Thanks to its biodegradability characteristics, Eni Arnica S is recommended for hydraulic systems of industrial vehicles operating in environmentally sensitive areas.

Characteristics (typical figures):

Eni Arnica S	Unit	22	32	46	68	Method
Viscosity at 40°C	mm ² /s	22	32	46	68	ASTM D 445
Viscosity Index		190	180	180	180	ASTM D 2270
Density at 15°C	kg/m ³	902	911	921	932	ASTM D 4052
Flashpoint (COC)	°C	210	230	300	308	ASTM D 92
Pourpoint	°C	-27	-30	-30	-30	ASTM D 97
Rust test/B		pass	pass	pass	pass	ASTM D 665

Properties and Performance:

- Fire resistant
- Biodegradable over 70% according to the OECD 301B method
- Suitable for applications operating in a wide temperature range
- Maximizes water removal systems efficiency thanks to excellent demulsibility
- Protects components thanks to outstanding antiwear properties (FZG-Failure Load Stage: 12°)

Specifications:

- ISO 12922 HFD-U
- ISO 15380 HEES

ISO VG 46 + 68:

- Inline Hydraulik GmbH
- Rexroth RD 90221-01/03
- Hoerbiger Micro fluid
- Danieli Standard n. 0.000.001 Rev.15
- VII Report of Luxemburg