



APPLICATIONS

Eni Arnica DV 46 is a viscosity index hydraulic oil, specifically designed to meet the needs of ceramic industry presses and machine tools.

It's formulated with advanced base oils and a balanced additive system designed to guarantee outstanding antiwear, antirust and antioxidant properties.

The effective balance of detergent and dispersant additives make **Eni Arnica DV 46** available for all hydraulic systems particularly sensitive to risks of pollution from water and impurities.

CUSTOMER ADVANTAGES

- Ensures component protection over a wide temperature range thanks to high viscosity index and excellent shear stability
- Suitable such as multifunction fluid to lubricate all moving parts of hydraulic systems
- It's able to emulsify accidental infiltrations of water and in the same time to release it in the reservoir, where it can be drained off
- Cleaner hydraulic systems thanks to detergent and dispersant additives which maintain dirt and oil oxidation products in suspension
- Prolongs oil charge life extending re-lubrication intervals thanks to very high thermo-oxidative stability
- Protects hydraulic pumps and components, reducing downtime caused by unscheduled maintenance, thanks to outstanding antiwear property
- Compatible with a wide variety of component metallurgy
- Helps prevent aeration and cavitation damage thanks to rapid air release

SPECIFICATIONS & APPROVALS

- ISO 11158 HV
- DIN 51524-3 HVLP-D





CHARACTERISTICS

Properties	Method	Unit	Typical
Appearance	APM 27	-	clear
Density at 15°C	ASTM D 4052	kg/m ³	865
Viscosity at 40°C	ASTM D 445	mm ² /s	46
Viscosity index	ASTM D 2270	-	157
Flash point (COC)	ASTM D 92	°C	215
Pour point	ASTM D 97	°C	-36
Rust test/B	ASTM D 665	-	pass
Copper corrosion	ASTM D 130	-	1B



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