



APPLICATIONS

Eni Arnica V is a biodegradable hydraulic fluid obtained from esters of vegetable origin particularly selected and refined, intended for those applications where the problem of environmental pollution is prevalent and where there is a risk of accidental spills from machinery towards the environment.

The high viscosity index allows their use in a particularly wide range of ambient temperatures. Moreover compared to other product classes, it has a higher flash point, a useful safety feature in the workplace.

Eni Arnica V is biodegradable over 60% according to OECD test 301B

We recommend the use of the product in systems where the maximum internal temperature of the hydraulic circuit does not exceed 60°C. In exceptional cases and for short periods of time the temperature up to 70°C is tolerated.

CUSTOMER ADVANTAGES

- Excellent demulsibility. Effectively prevents the formation of stable emulsion with water avoiding the depletion of the lubricant
- Excellent corrosion and rust protection. It effectively providing the protection of metallic part present in the circuit
- Good anti-foam characteristic preventing the consequent malfunctioning of the hydraulic plants
- Compatible with seal materials generally used in hydraulic systems
- Excellent anti-wear property proved by the FZG test > 12th stage

SPECIFICATIONS - APPROVALS

- WGK 1
- ISO 15380 HETG





CHARACTERISTICS

Properties	Method	Unit	Typical
Appearance	visivo	-	clear liquid
Density at 15°C	ASTM D 1298	kg/m ³	925
Viscosity at 40°C	ASTM D 445	mm ² /s	46
Viscosity Index	ASTM D 2270	-	181
Flash point COC	ASTM D 92	°C	290
Pour point	ASTM D 97	°C	-30



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