



eni Arnica V

eni ARNICA V are biodegradable hydraulic fluids synthesized from selected natural esters; they are intended for those applications where it is prevalent the problem of environmental pollution.

CHARACTERISTICS (TYPICAL)

eni Arnica V		32	46	68
Viscosity at 40°C	mm ² /s	32.4	46	68
Viscosity at 100°C	mm ² /s	6.9	9	12.3
Viscosity Index	-	184	181	181
Flash point C.O.C.	°C	260	290	290
Pour point	°C	-33	-33	-33
Density at 15°C	kg/l	0.920	0.925	0.935

PROPRIETY AND PERFORMANCE

- **eni Arnica V** are biodegradable >> 60% wt according to OECD test 301B - MODIFIED STURM TEST, thanks to this their intrinsic property, they give an effective contribute to environmental protection.
- The high viscosity index allows their use in a particularly wide range of ambient temperatures.
- **eni Arnica V** are hydraulic fluid with outstanding anti-corrosive and anti-rust properties, providing the protection of metallic part present in the circuit. Moreover, they have an excellent anti-wear property proved by the FZG > 12th stage.
- **eni Arnica V** have an excellent demulsibility property which avoid the stable formation of emulsion and depletion of additive and good anti-foam characteristic preventing the consequent malfunctioning of the hydraulic plants.
- The resistance to oxidation of these products, considering that they are bases on natural esters, can be considered good. However the maximum temperature of the fluid in the circuit should not exceed 60°C. In exceptional cases and for short periods of time is tolerated a temperature of 70°C.
- **eni Arnica V** are compatible with seal materials generally used in hydraulic systems.

APPLICATIONS

eni Arnica V are particularly suitable for use as hydraulic fluids, where there is a risk of accidental spills from machinery product in the environment.

SPECIFICATIONS

eni Arnica V meet the requirements of the following specifications and classifications:

- ISO-L-HETG
- ISO 15380 HETG
- WGK 1