



eni ARNICA P

eni ARNICA P is a mineral base oil formulated expressly for use in Poclain machinery. It can also be employed in all hydraulic systems that require fluids with very high Viscosity Index and low pour point (ISO-L-HV Classification).

CHARACTERISTICS (TYPICAL FIGURES)

eni ARNICA P		46	100
Viscosity at 40°C	mm ² /s	48	104,6
Viscosity at 100°C	mm ² /s	8,5	13,7
Viscosity Index	-	157	140
Flash Point COC	°C	220	240
Pour Point	°C	-36	-27
Colour	-	blue	blue
Mass density at 15°C	kg/l	0,872	0,887

PROPERTIES AND PERFORMANCE

- **eni ARNICA P** has a very high Viscosity Index which minimizes viscosity changes as a result of temperature variations.
- Its VI improver additive is highly resistant to working stresses and hence there is no appreciable decrease in viscosity during service.
- Its low pour point ensures an extremely wide range of use, including many very low temperature applications.
- Its has good antiwear properties, which are essential for a hydraulic oil which must ensure efficiency and long life of all relevant moving parts. Loss of weight of the vanes and ring in the Vickers test is less than 35 mg. The product passes the 11th stage of the FZG test.
- Its antirust properties effectively help protect and conserve all metal components of the circuit.
- It has excellent demulsibility, thus facilitating spontaneous separation of the oil from any water which accidentally enters the system.

APPLICATIONS

eni ARNICA P is particularly suitable for use as hydraulic fluid in Poclain machinery. Its use is also recommended, as an alternative to normal hydraulic oils, for control and dynamic transmission circuits of machines requiring very high VI oils owing to their design or special working conditions.

SPECIFICATIONS

eni ARNICA P meets the requirements of the following specifications:



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DIN 51524 Part 3 (Draft) Category HV
AFNOR NF E 48600 Category HV
CETOP RP 91 H Category HV