



eni ARNICA P 46

Special hydraulic oil based on mineral oil for Poclairn equipment and for hydraulic systems that demand an increased viscosity index and low Pourpoint.

Characteristics (typical figures):

eni Arnica P		Unit	46	Test method
Kin. Viscosity	at 40°C	mm ² /s	48	ASTM D 445
	at 100°C	mm ² /s	8,5	DIN 51 550
Viscosity index			164	DIN ISO 2909
Density at 15°C		kg/m ³	876	ASTM D 1298
Flashpoint o. C.		°C	215	ASTM D 92
Pourpoint		°C	-33	ASTM D 97
Designation			HVI	DIN 51502
ISO-VG-grade			46	DIN 51519

Properties and Performance:

eni ARNICA P 46 has an increased viscosity index which ensures optimum shear strength and reduces viscosity variations at various working temperatures to a minimum. Due to special components against wear and corrosion and a very low Pourpoint, that also allows a wide application field also at low temperatures, a long service life is guaranteed. All oil moistened metal parts are very well protected against rust and corrosion. The particular demulsifying behaviour result in a fast elimination of water and the good air release properties in a quick separation of entrained air oxygen, so that cavitation and other problems which can arise from compression of air bubbles are prevented.

Applications:

eni ARNICA P 46 is favourably applied as special hydraulic oil in all Poclairn constructional equipment. However it also can be used as alternative product instead of normal hydraulics oils which require a higher viscosity index for a trouble-free operation for control and power transmission systems. In addition in excellently proved itself at instruments and precision mechanical systems which are only allowed to be exposed to insignificant, oil viscosity determined pressures changes.

Please observe the manufacturer's specifications when selecting products.

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Additional physical-technical data:

eni Arnica P	Unit	46	Test method
Colour		blue	

Specifications:

DIN 51 524 T.3 HVLP
 AFNOR NF E 48 600 category HV
 CETOP RP 91 H category HV