

BASE OIL SN 500

GENERAL FEATURES:

Base oils obtained from the crude oil vacuum fraction of crude oil, selectively refined, dewaxed by means of solvents and hydro-refined.

APPLICATION:

Base oils are used for the production of lubricating oils, oil products, greases, plasticizers.

PHYSICAL AND CHEMICAL PROPERTIES:

Properties	SN-500	Test method
Density 15°C g/cm ³	MARK	PN-EN ISO 12185
Kinematic viscosity at 40°C mm ² /s	min.95	PN-EN ISO 3104
Kinematic viscosity at 100°C mm ² /s	10,5-12	PN-EN ISO 3104
Viscosity Index, min	90	PN-ISO 2909
Pour point, °C max	-9	PN-ISO 3016
Flash point open cup °C, min	220	PN-EN ISO 2592
Structural viscosity at (-15 °C) mPa·s, max	-	PN-C-04150
Coking residue (Conradson), % (m/m), max	0,08	PN-ISO 6615 PN-EN ISO 10370
Ash residue, % (m/m), max	0,01	PN-EN ISO 6245
Basic number, mgKOH/g, max	0,05	PN-ISO 6618
Volatiles content (Noack), , %, max	-	PN-C-04124
Colour, max	2,5	ASTM D 1500
Appearance at 20 ± 5°C	visually	
Water content, mg/kg, max	200	ASTM D 6304 PN-EN ISO 12937
Demulsibility time to oil/water emulsion separation - at 54 °C - at 82 °C	30	PN-ISO 6614
Refractive index n _D ²⁰	-	ASTM D 1218 PN-C-04952:1981
Oil distillation under reduced pressure: - till 250°C distills, %V/V - 5% distills till temp., °C, min	-	ASTM D 1160
Sulphur content % (m/m)	0,84	PN-EN ISO 8754

Note: The above values of physical and chemical properties are typical values. Actual values are specified in quality certificates enclosed with each product lot.

