

BASE OIL SN-100

CHARACTERISTICS:

Base oil SN-100 is produced from vacuum fractions of crude oil, selectively refined, dewaxed by means of solvents and hydro-refined.

APPLICATION:

Base oil SN-100 is intended for use in production of lubricants.

PHYSICAL AND CHEMICAL PROPERTIES:

PROPERTY	UNIT	MINIMUM VALUE	MAXIMUM VALUE	TYPICAL VALUE	TEST METHOD
Density at 20 °C	g/cm ³	0,845	0,870	0,862	PN-EN ISO 3675
Kinematic viscosity at 40°C	mm ² /s	18,2	22,4	20,1	PN-EN ISO 3140
Kinematic viscosity at 100°C	mm ² /s	3,8	4,3	4,03	PN-EN ISO 3140
Viscosity index	-	95	-	96	PN-79/C-04013
Pour point	°C	-	-15	-15	PN-ISO 3016
Flash point (open cup).	°C	190	-	206	PN-EN ISO 2592
Flash point (closed cup)	°C	180	-	201	PN-EN ISO 2719
Coking residue (Conradson)	%(m/m)	-	0,03	0,01	PN-85/C-04075
Ash residue	%(m/m)	-	0,005	0,001	PN-EN ISO 6245
Basic number	mgKOH/g	-	0,05	0,01	PN-85/C-04066
Volatiles content (Noack), % (1h/250°C)	%(m/m)	-	29,0	26,0	PN-C-04124
Colour	-	-	0,5	0,5	ASTM D 1500
Demulsibility 54°C, time to Oil-water emulsion separation	min	-	20	5	PN-86/C-04065
Refractive index n _D ²⁰	-	-	-	1,4745	PN-81/C-04952
Viscosity – gravity constant (VGC)	-	-	-	0,817	ASTM D 2140
Carbon-type composition					
- C _A	%	-	-	4,0	ASTM D 2140
- C _N				33,0	
- C _P				63,0	
Groups composition:					
- saturated hydrocarbons	%(m/m)	-	-	78,6	ASTM D 2007
- aromatic hydrocarbons				20,9	
- resins				0,5	
Sulphur content	%(m/m)	-	-	0,35	PN-EN ISO 8754
Air release	min	-	-	2	ASTM D 3427
Polycyclic aromatics content	%(m/m)	-	3,0	0,6	IP 346

Note: Actual values are placed in quality certificates attached to each delivery.

PACKAGES: BULK

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