

BASE OIL SN-650

CHARACTERISTICS:

Base oil SN-650 is produced from vacuum fractions of crude oil, selectively refined, dewaxed by means of solvents and hydro-refined.

APPLICATION:

Base oil SN-650 is intended for use in the production of lubricants.

PHYSICAL AND CHEMICAL PROPERTIES:

PROPERTY	UNIT	MINIMUM VALUE	MAXIMUM VALUE	TYPICAL VALUE	TEST METHOD
Density at 20°C	g/cm ³	0,885	0,900	0,892	PN-EN ISO 3675
Kinematic viscosity at 40°C	mm ² /s	135,0	-	147,0	PN-EN ISO 3140
Kinematic viscosity at 100°C	mm ² /s	13,0	16,2	13,7	PN-EN ISO 3140
Viscosity index	-	87	-	87	PN-79/C-04013
Pour point	°C	-	-9	-9	PN-ISO 3016
Flash point (open cup)	°C	220	-	272	PN-EN ISO 2592
Flash point (closed cup)	°C	200	-	251	PN-EN ISO 2719
Coking residue (Conradson)	%(m/m)	-	0,1	0,05	PN-85/C-04075
Ash residue	%(m/m)	-	0,01	0,002	PN-EN ISO 6245
Basic number	mgKOH/g	-	0,05	0,01	PN-85/C-04066
Volatiles content – Nocka (1h/250°C)	%(m/m)	-	3,0	2,5	PN-C-04124
Colour	-	-	3,5	2,0	ASTM D 1500
Demulsibility at 82°C, time to oil/water emulsion separation	min	-	30	10	PN-86/C-04065
Refractive index n _D ²⁰	-	-	-	1,4900	PN-81/C-04952
Viscosity – gravity constant (VGC)	-	-	-	0,821	ASTM D 2140
Carbon- type composition:					
- C _A	%	-	-	6,1	ASTM D 2140
- C _N				30,1	
- C _P				63,8	
Group composition:					
- saturated hydrocarbons	%(m/m)	-	-	65,0	ASTM D 2007
- aromatic hydrocarbons				33,1	
- resins				1,9	
Sulphur content	%(m/m)	-	-	0,65	PN-EN ISO 8754
Air release	min	-	-	8	ASTM D 3427
Polycyclic aromatics content	%(m/m)	-	3,0	0,6	IP 346

Note: Real values are defined in quality certificates to each production batch.

PACKAGES: BULK

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