

BASE OIL SN-650

PHYSICAL AND CHEMICAL PROPERTIES:

PROPERTY	UNIT	LIMIT 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 – Noack (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 - C _N - C _P	%	-	6,1 30,1 63,8	ASTM D 2140
Group composition: - saturated hydrocarbons - aromatic hydrocarbons - resins	%(m/m)	-	65,0 33,1 1,9	ASTM D 2007
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

PACKAGE: BULK

NARMAK TRADE S.R.O.

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