

## BASE OIL SN-400

### PHYSICAL AND CHEMICAL PROPERTIES:

PROPERTY	UNIT	LIMIT VALUE	TYPICAL VALUE	TEST METHOD
Density at 20 °C	g/cm <sup>3</sup>	0,875 - 0,890	0,886	PN-EN ISO 3675
Kinematic viscosity at 40°C	mm <sup>2</sup> /s	≥ 80,0	82,8	PN-EN ISO 3140
Kinematic viscosity at 100°C	mm <sup>2</sup> /s	≥ 9,4	9,5	PN-EN ISO 3140
Viscosity index	-	≥ 90	90	PN-79/C-04013
Pour point	°C	≤ -9	-9	PN-ISO 3016
Flash point (open cup).	°C	≥ 220	246	PN-EN ISO 2592
Flash point (closed cup)	°C	≥ 200	234	PN-EN ISO 2719
Coking residue (Condradson)	%(m/m)	≤ 0,08	0,01	PN-85/C-04075
Ash residue	%(m/m)	≤ 0,01	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)	≤ 5,0	4,5	PN-C-04124
Colour	-	≤ 2,5	1,5	ASTM D 1500
Demulsibility 54°C, time to Oil-water emulsion separation	min	≤ 30	10	PN-86/C-04065
Refractive index n <sub>D</sub> <sup>20</sup>	-	-	1,4865	PN-81/C-04952
Viscosity – gravity constant (VGC)	-	-	0,820	ASTM D 2140
Carbon-type composition - C <sub>A</sub> - C <sub>N</sub> - C <sub>P</sub>	%		6,0 31,0 63,0	ASTM D 2140
Groups composition: - saturated hydrocarbons - aromatic hydrocarbons - resins	%(m/m)	-	68,1 30,6 1,3	ASTM D 2007
Sulphur content	%(m/m)	-	0,55	PN-EN ISO 8754
Air release	min	-	4	ASTM D 3427
Polycyclic aromatics content	%(m/m)	≤ 3,0	0,5	IP 346

**PACKAGE: BULK**

**NARMAK TRADE S.R.O.**

sidlo: Smetanova 2083/2a, Český Těšín, PSČ 737 01, DIČ: CZ04493184,  
 společnost zapsaná v obchodním rejstříku vedeném Krajským soudem v Ostravě, oddíl C, vložka 63833