

BASE OIL SN-100

PHYSICAL AND CHEMICAL PROPERTIES:

| PROPERTY | UNIT | LIMIT VALUES | 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 | ≥ 190 | 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 - C _N - C _P | % | - | 4,0 33,0 63,0 | ASTM D 2140 |
| Groups composition:- saturated hydrocarbons - aromatic hydrocarbons - resins | %(m/m) | - | 78,6 20,9 0,5 | ASTM D 2007 |
| 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 |

PACKAGE: BULK

NARMAK TRADE S.R.O.

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