



## TECHNICAL DATASHEET

# NAREX

### Typical properties :

|                         |     | 410   | 415   | 450   | 4130  | 4240  |
|-------------------------|-----|-------|-------|-------|-------|-------|
| Density at 15°C         |     | 0,901 | 0,903 | 0,915 | 0,927 | 0,939 |
| Flash point             | °C  | 165   | 170   | 202   | 210   | 222   |
| Pour point              | °C  | -42   | -36   | -27   | -12   | -6    |
| Aniline point           | °C  | 72    | 76    | 83    | 82    | 82    |
| Viscosity at 40°C       | cSt | 20,8  | 29,8  | 95,0  | 227   | 467   |
| Viscosity at 100°C      | cSt | 3,6   | 4,4   | 8,0   | 13,1  | 18,0  |
| Refractive index 20D    |     | 1,492 | 1,496 | 1,500 | 1,508 | 1,514 |
| Refractive intercept    |     | 1,042 | 1,045 | 1,043 | 1,044 | 1,045 |
| VGC                     |     | 0,860 | 0,860 | 0,857 | 0,865 | 0,871 |
| Carbon type composition |     |       |       |       |       |       |
| - C <sub>A</sub>        | %   | 10    | 10    | 10    | 13    | 13    |
| - C <sub>N</sub>        | %   | 44    | 43    | 42    | 44    | 44    |
| - C <sub>P</sub>        | %   | 46    | 47    | 48    | 43    | 43    |

### General information:

Narex oils are manufactured from select wax-free naphthenic crudes to provide optimum colour stability while still maintaining good compatibility and processing characteristics. This is achieved by selective refining to remove colour-producing impurities without appreciably changing the aromatic content of the naphthenic oil. Such selective refining imparts low U.V. absorptivities and, more importantly, relatively low polar content. As a result, the Narex oils find wide application in rubber goods where excellent colour and colour stability are required. The Narex oils combine excellent colour and colour stability with relatively high aromatic content for good compatibility and processing characteristics. As such, they find applications in rubber compounding with EPDM, SBR, polyisoprene, neoprene or butyl rubbers. The excellent balance between colour stability and aromatic content also makes them desirable for non-rubber uses such as resin extending, PVC textile, and sealing compounds among others.