

## BASE OILS

Properties	Grade 150N	Grade 250N	Grade 450N	Grade 650N
Kinematic viscosity at 100 degrees C, mm(2)/s, limits	6,0 ± 0,5	8,0 ± 0,5	11,0 ± 0,5	14,0 ± 0,5
Viscosity index, min	95	92	90	90
Coking capacity, %, max	0,1	0,15	0,3	0,4
Acid number, mg KOH / 1g of oil, max	0,02	0,02	0,02	0,02
Ash content, %, max	0,005	0,005	0,005	0,005
Sediments content, % max	absence	absence	absence	absence
Water content, % max	traces	traces	traces	traces
Flash point in open cup, degrees C, min	200	210	220	230
Appearance (colour), max	2	3	3,5	4
Sulphur content, %, max	0,2	0,3	0,4	0,5
Pour point, during the period from 01.09 to 31.03, degrees C, max	Minus 15	Minus 15	Minus 15	Minus 15
Pour point during the period from 01.04 to 31.08, degrees C, max	Minus 10	Minus 10	Minus 10	Minus 10
Phenol content	absence	absence	absence	absence
Density, kg/m(3) , max				
at 20°C	890	895	900	905
at 15°C	893	898	903	908
Vaporability, % mass., max	Not standardized. Can be defined per buyer's request	Not standardized. Can be defined per buyer's request	Not standardized. Can be defined per buyer's request	Not standardized. Can be defined per buyer's request

**HAZARD IDENTIFICATION AND SAFETY REQUIREMENTS**

Low-hazardous substance. Can be harmful for environment

**TRANSPORTATION**

In rail tank cars

**APPLICATION**

Used to formulate a wide variety of highest quality automotive, industrial and marine lubricants as well as diluents for additives and process oil applications.