

BASE OIL N100

PHYSICAL AND CHEMICAL PROPERTIES:

PROPERTY	UNIT	TYPICAL VALUE	GUARANTEED VALUE	TEST METHOD
Appearance			bright and clear	ASTM D 4176-1
Colour			max. 0.5	ASTM D 1500
Density at 15 °C	kg/l	0.845	0.84 – 0.85	ASTM D 4052
Viscosity at 40 °C	mm ² /s	18	17 - 20	ASTM D 445
Viscosity at 100 °C	mm ² /s	3.8	3.5 – 4.0	ASTM D 445
Viscosity index		109	min. 106	ASTM D 2270
Flash point	°C	207	min 200	ASTM D 93
Pour point	°C	-12	max. -9	ASTM D 97
Water content	ppm	60	max. 100	ASTM E 1064
Sulphur content	ppm	85	max. 300	ASTM D 2622
Volatiles content (Noack)	w-%	19	max. 21	ASTM D 5800
Aromatic hydrocarbons	%	3.3	max. 4	infrared spectrum
paraffin -	%	68.5		infrared spectrum
aphthenic -	%	68.5		

PACKAGE: BULK