



Product Specifications

BASE OIL N 500

Base Oils are used to manufacture products including lubricating greases, motor oil and metal processing fluids. Base Oil is typically defined as oil with a boiling point range between 550 and 105 °F, consisting of hydrocarbons with 18 - 40 carbon atoms. This oil can be either paraffinic or naphthenic in nature depending on the chemical structure of the molecules.

Test	Unit	Method	Typical	Result
Appearance	-	Visual	Clear & Bright	Clear & Bright
Color	-	ASTM D1500	0.5	<0.5
Density @ 15°C	kg/L	ASTM D1298	0.870	0.868
Kinematic Viscosity @ 40 °C	mm ² /s (cst)	ASTM D445	100	99.15
Kinematic Viscosity@ 100 °C	mm ² /s (cst)	ASTM D445	12	11.81
Viscosity Index	-	ASTM D2270	110	108
Flash Point	(coc) °C	ASTM D92	250	248
Sulphur Content	% m	ASTM D4294	0.10	<0.10
Pour Point	(coc) °C	ASTM D97	-12.5	-12

