

Product Specifications

BASE OIL SN 50

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	1.50	<1.0
Density @ 15°C	kg/L	ASTM D4052	0.830	0.820
Kinematic Viscosity @ 40 °C	mm ² /s (cst)	ASTM D445	4.5	4.12
Kinematic Viscosity@ 100 °C	mm ² /s (cst)	ASTM D445	2	1.80
Viscosity Index	.	ASTM D2270	98	95
Flash Point	(coc) °C	ASTM D92	135	125
Pour Point	(coc) °C	ASTM D97	-3	-3
Sulphur Content	% m	ASTM D4294	0.03	0.02