

Product Specifications

BASE OIL SN 150

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	2.0	1.5
Density @ 15°C	kg/L	ASTM D1298	0.875	0.870
Kinematic Viscosity @ 40 °C	mm ² /s (cst)	ASTM D445	32	32
Kinematic Viscosity @ 100 °C	mm ² /s (cst)	ASTM D445	5.6	5.5
Viscosity Index	.	ASTM D2270	100	95
Flash Point	(coc) °C	ASTM D92	210	205
Pour Point	(coc) °C	ASTM D97	-6	-6
Carbon Residue (conradson)	wt%	ASTM D189	0.06	0.06
Total Acid Number	mgKOH/g	ASTM D664	0.05	0.05
Demulsibility	-	ASTM D1401	Pass	Pass
Sulphur Content	% m	ASTM D4294	0.5	<0.5
Copper Corrosion	3hrs @ 100 °C	ASTM D130	1A	1A
Foam	ml	ASTM D892	Nil	Nil