ALPHINE OIL
FUELLING THE FUTURE

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Product Specifications

BASE OIL SN 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	2.0	<2.0
Density @ 15°C	kg/L	ASTM D1298	0.885	0.880
Kinematic Viscosity @ 40 °C	mm2/s (cst)	ASTM D445	98	95.00
Kinematic Viscosity@ 100 °C	mm2/s (cst)	ASTM D445	12	11.50
Viscosity Index	.	ASTM D2270	95	95
Flash Point	(coc) °C	ASTM D92	250	240
Pour Point	(coc) °C	ASTM D97	-6	-6
Carbon Residue (conradson)	wt%	ASTM D189	0.15	0.08
Total Acid Number	mgKOH/g	ASTM D664	0.07	0.05
Demulsibility	-	ASTM D1401	Pass	Pass
Sulphur Content	% m	ASTM D4294	0.01	< 0.01
Copper Corrosion	3hrs @ 100 °C	ASTM D130	1A	1A
Foam	ml	ASTM D892	Nil	Nil