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Virgin Base oil - BS150 (Bright Stock)-Group I

BS-150 is a base oil derived from the further processing of vacuum distillates of specific crude oil fractions. They are mainly used in lubricant and lubricant additives production where their typical parameters are used for specific products.

Uses

They are mainly used in lubricant and lubricant additive production. It is a Group I base oil which has undergone solvent refining and de-waxing processes. To finish the refining it is hydrogen treated to clear out any impurities.

Advantages

- 1) high oxidation stability
- 2) good susceptibility to the additives
- 3) low sulfur content
- 4) excellent viscosity-temperature characteristics

Parameter	Unit	Method	Value
Color	-	ASTM D1500	L3.0
Density at 15°C	(kg/l)	ASTM D4052	0.9066
Kinematic Viscosity at 100°C	(cSt)	ASTM D445	28-31
Kinematic Viscosity at 40°C	(cSt)	ASTM D445	440-460
Viscosity Index		ASTM D2270	95 Min
Flash Point	(°C)	ASTM D92	295-310
Appearance	Visual	ASTM D4176	Clear & bright
Carbon Residue	Wt%	ASTM D189	0.50 Max
Acid Number (TAN)	mgKOH/g	ASTM D 664	0.01
Total Sulphur Content	Wt%	ASTM D2622	0.65-0.85 Max
Pour Point	(°C)	ASTM D97	-6
Ash Content	Wt%	ASTM D 482	0.01Max

Applications

- 1) Engine oils, Additives, General purpose oils
- 2) Gear oils, Transmission fluids
- 3) Metal working fluids, Hydraulic oils
- 4) Transformer oils

Accredited: ISO9001:2015 | ISO 14001:2015 | ISO45001:2018