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Virgin Base oil – SN70 (Group I)

SN70 is light base oil with several parameters being at the lowest level for lubricant stock. It is a Group I base oil (mineral based non-synthetic base oil) which is derived from the further processing of vacuum distillates of specific crude oil fractions.

Advantages

- 1) Highly Saturated
- 2) Virtually no aromatics or impurities
- 3) Light Color and Uniform Composition
- 4) High Oxidation / Thermal Stability
- 5) Viscosity Stability and High Performance, Low Volatility
- 6) Improved demulsibility and Good solubility characteristics
- 7) Good oxidation and color stability
- 8) High Viscosity Index, Low Odor

Property	Unit	Method	Results
Density at 15°C	g/ml	ASTM D 1298	0.855 – 0.875
Color	-	ASTM D 1500	0.5-1.0
Viscosity at 100°C	cSt	ASTM D 445	2.8-3.6
Viscosity at 40°C	cSt	ASTM D 445	8.0-14.0
Viscosity index	-	ASTM D 2270	92-99
Flash point °C	°C	ASTM D 92	180
Pour point	°C	ASTM D 97	-3 To -9
Aniline Point	°C	ASTM D 611	60-70
Carbon Residue	w. %	ASTM D 524	0.05
Sulfur	wt %	ASTM D 4294	0.1-0.5
Acid Number	mg KOH/g	ASTM D 664	0.05
Water	ppm	ASTM D-1533	15-25

Applications

- 1) Lubricants and lubricant additives production
- 2) Soluble & Neat Cutting Oil, Textile Lubricants such as Conning Oil
- 3) Antistatic Oil, Spin Finish Oil
- 4) Shoe Polish, Pigments and Agricultural Spray Oil
- 5) Mold Oil, White & Paraffin Oils

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