

CHANDROL NAPHTHENIC OILS

Mineral oils can be divided into two distinct groups: paraffinic and naphthenic oils. Naphthenic crudes are available around the world, with large reserves to be found in Europe, North and South America and Asia.

Naphthenic base oils have a number of distinct advantages over paraffinic oils. They demonstrate greater solvating power than paraffinic oils. This means that additives are easily dissolved, which is of particular interest in formulating metalworking fluids, and that in manufacturing grease, higher yields are possible because less soap is required. Naphthenic base oils also provide better low-temperature performance than paraffinic oils, which makes them ideal for formulating hydraulic fluids and automatic transmission fluids (ATFs).

USES OF NAPHTHENIC BASE OILS

- 1) METALWORKING FLUIDS
- 2) HYDRAULIC OILS
- 3) TRANSMISSION FLUIDS
- 4) COMPRESSOR OILS
- 5) GREASES

SPECIFICATIONS OF NAPHTHENIC BASE OILS.

Test Name	Test Method ASTM	PALE 2000
Appearance	Visual	Bright and clear
Density	D 4052	0.90 +- 0.02gm/ml
Colour	D 1500	Max <5
Vis@40°C	D 445	>330 Cst
Vis@100°C	D 445	>Cst
Viscosity Index	D 2270	> 95
Anline Point	D 611	> 95 °C
Flash Point	D 92	> 250°C
Pour Point	D 97	< - 1°C

