

PRODUCT DATA SHEET

PRODUCT: EASTTO NAPH 12, NAPH 22, NAPH 32, NAPH 100

GRADES: NAPHTHENIC OILS

INTRODUCTION:

In contrast to paraffinic oils, naphthenic oils are distinguished by a molecular structure composed of "rings" of hydrocarbons, i.e. the hydrogen and carbon atoms are linked in a circular pattern. Naphthenic oils have very good solvency with low pour points. Naphthenic oils have lower flash points than corresponding paraffinic oils. Naphthenic oils have following properties:

- Good stability.
- Lower pour point due to absence of wax.
- Lower viscosity indexes.
- Higher volatility (lower flash point).
- Higher specific gravities.

APPLICATION:

Naphthenic oils are generally reserved for applications with narrow temperature ranges and where a low pour point is required, e.g. Refrigeration compressors, Industrial A/C compressor. It can be also used in manufacturing of speciality greases, Transformer, Metal working fluid, Rubber process oils, Rubber parts, Nylon tyre cord, LPG tube, Printing inks, High pressure compressor lubricants, Speciality chemical, Moulded goods and Friction reduction lubricants.



Metal working fluid



Transformer



Refrigeration Compressor

TYPICAL CHARACTERISTICS	EASTTO			
	NAPH 12	NAPH 22	NAPH 32	NAPH 100
Kinematic Viscosity @ 40°C, cst	12	22	32	100
Flash Point, COC, °C	140	160	180	200
Pour Point, °C	-42	-39	-39	-33
Aniline Point, °C.	68	73	75	88

PACKING: 210 Litres Drums

Date of issue : 10.11.2014

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PDS No. 02.30.01 – 02.30.04

These Characteristics are typical of current production while future production will confirm to **EASTERN PETROLEUM PVT. LTD.** Specification variation in these characteristics may occur.

