



Energol LPT-F Range

Refrigeration compressor oil

Description

The Energol LPT-F lubricants are formulated from solvent-refined high quality naphthenic oils which have been specially refined to produce low pour points and floc points.

Application

These grades are suitable for applications where manufacturers recommend naphthenic oils, and where the low evaporator temperatures demand the use of a lubricant with a low floc point.

Energol LPT-F is suitable for use in systems where Freon 22 is employed.

Advantages

- Very low floc point.
- Low levels of paraffinic hydrocarbons, resulting in extremely low wax contents.
- Good miscibility with R22 refrigerant at low temperatures.

Typical Characteristics

Name	Method	Units	Energol LPT-F 32	Energol LPT-F 46
Density @ 15°C	ASTM D1298	kg/m ³	917	925
Colour	ASTM D1500		1.0	1.0
Kinematic Viscosity @ 40°C	ASTM D445	mm ² /s	29	54
Kinematic Viscosity @ 100°C	ASTM D445	mm ² /s	4.3	5.8
Pour Point	ASTM D97	°C	-42	-39
Flash Point	ASTM D92	°C	171	182
Floc point	DIN 51351	°C	<-50	<-50
Neutralisation value	ASTM D974	mgKOH/g	<0.05	<0.05

The above figures are typical of those obtained with normal production tolerance and do not constitute a specification.

Storage

All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and the obliteration of drum markings.

Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

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