

Refrigeration Oils

Description :

Divyol Frizol 32N & 68N oils are formulated with highly refined naphthenic base stocks intended for applications at extremely low temperatures. They exhibit low pour points and outstanding fluidity in very cold conditions.

Divyol Frizol 32P & 68P oils are blended using highly refined specially treated straight mineral paraffinic oils that are tailored for low temperatures applications. It features low pour points and outstanding fluidity at low temperatures.

Performance Level : Meets

BIS 4578-1989 (Reaffirmed 2004).

Application :

- Divyol Frizol 32N & 68N oils are specially recommended for a wide range of refrigeration compressors both rotary and reciprocating (including hermetically sealed types) using conventional refrigerants like ammonia except sulphur dioxide etc. They have long service life due to good oxidation and thermal stability thereby ensuring high condenser efficiency.
- Divyol Frizol 32P & 68P recommended for cylinder and bearing lubrication of a wide range of domestic and industrial refrigeration and air conditioning compressors.

Performance Benefits :

- Good fluidity at very low temperature
- Good thermal and oxidation stability
- Good compatibility with refrigerant

Typical Physical Characteristics :

Sr. No.	Characteristics	Test Method	Refrigeration Oils			
			Frizol 32 N	Frizol 68 N	Frizol 32 P	Frizol 68 P
1	Appearance	Visual	Bright & Clear			
2	Colour	ASTM D 1500	0.5	0.5	0.5	0.5
3	Flash point, COC, °C	ASTM D 92	180	190	190	190
4	Pour point, °C	ASTM D 97	Minus 39	Minus 39	Minus 39	Minus 39
5	Kinematic viscosity @ 40°C, cSt	ASTM D 445	32	68	32	68
6	Viscosity Index	ASTM D 2270	50	55	90	90
7	Copper Strip Corrosion @ 100°C, for 3 hrs	ASTM D 130	1a	1a	1a	1a