



PTT HIFREEZE A

Refrigeration Oil

Descriptions

- **PTT HIFREEZE A 68** : is compressor oil designed for use in refrigeration systems, produced from highly refined paraffinic base oils which provide good oxidation stability. PTT Hifreeze A 68 is suitable for lubrications of industrial refrigeration compressors using ammonia refrigerant.

Special Properties

- Againsts foaming and oxidation reaction and enhance thermal stability.
- Minimizes the formation of gum, varnish and sludge deposits.
- Provides low pour point and low temperature fluidity.

Applications

- Designed for use in ammonia (R717) or Hydrocarbon (R290) refrigeration systems.
- Not recommended for use in CFC, HCFC and HFC refrigeration system.

Reference Standards

- DIN 51503 KAA and KE

Typical Values

ISO grade	68
- Density @ 15 °C, kg/l	0.860
- Viscosity @ 40 °C, cSt	66.98
- Viscosity @ 100 °C, cSt	8.949
- Viscosity Index	108
- Flash Point, COC, °C	250
- Pour Point, °C	-42
- Water content, ppm wt.	20
- Copper Strip Corrosion, 1 h @ 100 °C	1b
- Total Acid Number, mgKOH/g	0.01

For more information, contact Fuels & Lubricants Research department, PTT Research and Technology Institute PTT Public Company Limited. Tel: 0-2537-3000 Ext. 2413 and 3248 Fax : 0-2537-3000 Ext. 2236 and 3210 Technical Service Division Tel : 0-2537-2327, 0-2537-2408, 0-2537-2412