

REFRO PE SERIES

REFRO PE series is synthetic refrigeration compressor oil formulated from polyol esters (POE) synthetic base oil that were especially developed for use with R 134A and environmentally friendly hydrofluorocarbons (HFC) refrigerants.

REFRO PE series adalah pelumas sintetik untuk kompresor sistem pendingin, diformulasikan dari base oil sintetik polyol ester (POE) yang dikembangkan khusus untuk media pendingin R 134A dan hydrofluorocarbons (HFC) yang bersifat ramah lingkungan.

Typical Characteristics

Characteristics	Test Method	REFRO PE			
ISO Viscosity Grade	-	32	46	68	100
Density at 15 °C, kg/L	ASTM D4052	0.9788	0.9779	0.9781	0.9689
Kinematic Viscosity at 40 °C, cSt	ASTM D7279	32.60	45.34	65.60	98.32
at 100 °C, cSt	ASTM D7279	5.817	7.289	9.364	11.33
Viscosity Index	ASTM D2270	122	123	121	101
Flash Point, °C	ASTM D92	260	268	266	266
Pour Point, °C	ASTM D5950	-54	-51	-45	-36

SUPERIORITIES

- Excellent lubrication properties and thermal stability at high temperature.
- Excellent solubility and chemical stability with HFC refrigerants.
- Excellent cold temperature flow properties.
- Good compatibility with various elastomers.

APPLICATIONS

REFRO PE series is suitable for all refrigeration system such as industrial refrigeration, food storage, mobile & stationary refrigeration with refrigerant R 134A/R 23/R 404A/R 407C/R 507 and other blends of HFC refrigerants.

REFRO PE series is recommended for use in hermetic, semi hermetic, reciprocating, screw type and turbo compressor.

KEUNGGULAN

- Memberikan karakteristik pelumasan dan kestabilan panas yang sangat baik pada temperatur tinggi.
- Memiliki kelarutan dan kestabilan kimia yang sangat baik terhadap media pendingin HFC.
- Memiliki kemampuan alir yang sangat baik pada temperatur rendah.
- Kompatibel dengan berbagai jenis elastomer.

PENGUNAAN

REFRO PE series sesuai untuk semua sistem pendingin seperti sektor industri, pendingin penyimpan makanan, pendingin mobile & stasioner dengan media pendingin R 134A/R 23/R 404A/R 407C/R 507 dan media pendingin HFC lainnya.

REFRO PE series direkomendasikan untuk kompresor hermetic, semi hermetic, reciprocating, screw dan kompresor turbo.