

POE32 HFC and HFO

Coolblend Oil POE32 is a polyolester refrigeration lubricant formulated for use with both HFC and low GWP HFO refrigerants. With its high oxidation, thermal stability and long operating life, Coolblend Oil POE32 provides improved cold temperature fluidity and excellent protection of critical system components, whilst supporting system longevity.

Benefits

- Formulated for use with HFO and HFC refrigerants
- High viscosity index to promote ongoing fluidity and lubricity
- Excellent low temperature stability
- Excellent wear protection
- Long-life formula
- This highly stable formulation is also ideal for environments susceptible to water contamination

Applications

Reciprocating compressors
Rotary screw compressors
Centrifugal compressor
Scroll compressor
Rotary vane compressor

Gases

R-32, R-1234yf, R-134a, R-448a, R-449a, R-455a, R-450,
R-134a, R-404a, R-410a, R-417a, R-422a, R-422d,
R-427a, R-507, R-508b, R-513a

Specifications

Property	Coolblend Oil POE 32
ISO Grade	32
Viscosity at 40°C (cSt)	34
Viscosity Index	105
Specific Gravity at 15°C	0.98
Pour Point (°C) (cSt)	-48
Flash Point (°C) (cSt)	247
Copper Strip Corrosion, 100°C for 3hrs	1a

Compatible Lubricants

BVA RPOE-32, Carrier PP23BZ-102, Carrier PP23BZ-106, Carrier PP47-11, Carrier PP47-25, Carrier PP47-30, CPI Solest-32, Fuchs Reniso Triton SE2 32, Klüber RPE-32, Lubrizol Emkarate RL32H, Mobil EAL Arctic 32, NuCalgon Emkarate RL 32H, Shell S4 FR-F-32, Shrieve SL32, Thermo King PlanetElf ACD 32, Total 203-413, Total 203-426, Total 203-433, Total 203-513, Trane 27, Trane 78, Trane 79, Bitzer BSE 32.

Additional Safety Information

Follow QR code for our online Safety Data Sheet.



Blended have been supplying specialist chemicals and gases for 20 years. The company prides itself on offering the optimal 'blend' of speciality chemical expertise, exceptional service and positive attitude that customers can rely on.