



REDOIL

TECHNICAL DATA SHEET



CRIOGEN OIL-100

Refrigeration compressor lubricant

SPECIFICS/APPROVALS

HFC R134a, R23, R234fa, R404a, R407a, R407b, R407c, R410a, R507, R508

CFC R11, R12, R13, R131b1, R113, R114, R500, R502, R503

HCFC R22, R123, R124, R401a, R402a, R402b, R403b, R406a, R408a, R409a

TECHNICAL DESCRIPTION

Engineered lubricant fluid for applications in car air conditioning systems, refrigeration systems for refrigerated and cryogenic goods transport in general.

Specifically formulated for use with R134A gas it finds application with a wide variety of different types of gas and excellently meets the maximum efficiency requirements of all types of compressors produced by the world's leading car manufacturers. Particularly suitable for electric and hybrid cars due to its ability to significantly reduce friction between contact parts, protect all components from wear and tear and maximise energy efficiency.

BENEFIT

- Maximum energy efficiency;
- Reduces consumption;
- Environmentally friendly;
- Maximum electrical insulation;
- Non-hygroscopic (does not absorb moisture from the surrounding air);
- Maximum protection of compressors, radiators and circuits;
- No formation of emulsion or sludge with traces of condensation;
- High thermal dissipation capacity;
- Excellent protection of the circuit and all rubber parts;
- Maximum chemical stability and extended service life.

For further details, please contact the technical department



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Typical characteristics

Properties	Unit	Method	Average values
Colour	-	Visual	Sea green
Appearance	-	Visual	Limpid
Density	Kg/dm ³	ASTMD7042	0,85
Viscosity 40°C	cSt	ASTMD445	100
Viscosity index	-	ASTMD2270	150
Freezing point	°C	ASTMD97	-40

MODE OF USE

Use in accordance with the recommendations in the user and maintenance manual supplied by the manufacturer. Store in a cool, dry place, protected from direct sunlight and at temperatures not exceeding 60°C (140°F).

SAFETY AND ENVIRONMENT

Use in accordance with the recommendations provided in the Safety Data Sheet. Additional information on MSDS.