

Mobil Gargoyle Arctic™ 155 and Mobil Gargoyle Arctic™ 300

High-quality, wax-free refrigeration oils



Energy lives here™

Product features

Mobil Gargoyle Arctic™ 155 and Mobil Gargoyle Arctic™ 300 are high-performance naphthenic, narrow-cut mineral oils. They offer:

- Excellent low-temperature flow and evaporator heat transfer
- Long service life
- Suitability for both cylinders and bearings

Potential benefits

Mobil Gargoyle Arctic 155 and Mobil Gargoyle Arctic 300 refrigeration oils can provide:

- 1 Minimised downtime
- 2 Reduced maintenance costs
- 3 Lower oil inventories

Typical properties*

Mobil Gargoyle Arctic Series	Mobil Gargoyle Arctic 155	Mobil Gargoyle Arctic 300
ISO Viscosity Grade	32	68
Viscosity, ASTM D 445, cSt @ 40°C	32.0	68.0
Pour Point, °C, ASTM D 97	-42	-36
Flash Point, °C, ASTM D 92	190	200
Specific Gravity @15°C/15°C, ASTM D 1298	0.91	0.91
Total Acid Number, ASTM D 974, mg KOH/g	0.01	0.01
Flocculation Point, R 12, DIN 51351, °C	-36	-31

*Typical properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice. All products may not be available locally. For more information, contact your local ExxonMobil contact or visit exxonmobil.com. ExxonMobil is comprised of numerous affiliates and subsidiaries, many with names that include Esso, Mobil, or ExxonMobil. Nothing in this document is intended to override or supersede the corporate separateness of local entities. Responsibility for local action and accountability remains with the local ExxonMobil-affiliate entities.

Compressor lubricants specially designed for refrigeration equipment

Mobil Gargoyle Arctic 155 and Mobil Gargoyle Arctic 300 refrigeration oils are primarily intended for use in reciprocating refrigeration compressors for living space air conditioning and food storage applications. The oils are recommended for cylinder and bearing lubrication in all conventional reciprocating refrigeration compressors and for all other machinery operating at sub-zero temperatures. They are compatible with all refrigerants except sulphur dioxide and are not recommended for use with HFC refrigerants.

Low moisture content

The moisture content of the oils is very low when packaged, so every precaution should be taken to keep the oil dry. This helps prevent the risk of ice formation in expansion valves and limits the risks of oil degradation and copper plating.

Mobil Gargoyle Arctic™ 155 and Mobil Gargoyle Arctic™ 300 have a low pour point and excellent fluidity at very low temperatures by virtue of being almost wax-free. Consequently, the application of Gargoyle Arctic oils ensures that evaporator tubes are kept clean, enhancing heat transfer while minimising downtime for maintenance.