



A WIDE RANGE OF VISCOSITIES
to suit all equipment and applications

Mobil™

Mobil™ lubricants: make the right choice to ensure long life of your refrigeration plant

Oil is a key element in your installation. It must be selected with care to ensure that your compressor runs smoothly and be compatible with the refrigerant used in the installation.

Thanks to our long-standing partnership with Mobil™, producer of industrial lubricants and oils for refrigeration compressors, and with our experience, we have created a refrigerant/oil correlation table to simplify your choice.

Make life easier for yourself and put your trust in the expertise of Mobil™ and Climalife:

Refrigerant type	Compressor type	Evaporating t°C	Mobil™ Solutions
HFO			
R-1234ze	Piston	❄️ -20°C to +10°C	Mobil SHC Gargoyle™ 32 Mobil EAL Arctic™ 68 & 100 Mobil EAL Arctic™ 170 & 220
	Centrifugal		
	Screw		
R-1234yf	Piston	❄️ -30°C to -10°C	Mobil EAL Arctic™ 22CC & Mobil SHC Gargoyle™ 32 Mobil EAL Arctic™ 100 & 170 Mobil EAL Arctic™ 68 & 100
	Screw		
	Centrifugal		
HFO BLENDS			
R-454A R-454C R-455A	Piston	❄️ -50°C to -30°C	Mobil SHC Gargoyle™ 32 Mobil EAL Arctic™ 100 & 170 Mobil EAL Arctic™ 68 & 100
	Screw		
	Centrifugal		
R-448A R-449A	Piston	❄️ -40°C to 0°C	Mobil SHC Gargoyle™ 32 & Mobil EAL Arctic™ 22CC Mobil EAL Arctic™ 100 & 170 Mobil EAL Arctic™ 68 & 100
	Screw		
	Centrifugal		
R-513A	Piston	❄️ -30°C to -10°C	Mobil SHC Gargoyle™ 32 & Mobil EAL Arctic™ 22CC Mobil EAL Arctic™ 100 & 170 Mobil EAL Arctic™ 68 & 100
	Screw		
	Centrifugal		
R-471A	New refrigerant Group A1 with a GWP <150 Testing in progress Will be approved very soon		
AMMONIA			
R-717	Piston & Screw	❄️ -50°C to +10°C	Mobil Gargoyle SHC™ 226E Mobil Gargoyle Arctic SHC™ NH 68
		❄️ -40°C to +10°C	Mobil Gargoyle SHC™ 226E Mobil Gargoyle Arctic SHC™ NH 68 Mobil Gargoyle™ Arctic 68 NH
		❄️ -30°C to +10°C	Mobil Gargoyle SHC™ 226E Mobil Gargoyle Arctic SHC™ NH 68 Mobil Gargoyle™ Arctic 68 NH Mobil Gargoyle Arctic™ Oil 300
	Centrifugal	❄️ -50°C to +10°C	Mobil Gargoyle SHC™ 226E Mobil Gargoyle Arctic SHC™ NH 68
		❄️ -40°C to +10°C	Mobil Gargoyle SHC™ 226E Mobil Gargoyle Arctic SHC™ NH 68 Mobil Gargoyle™ Arctic 68 NH
		❄️ -30°C to +10°C	Mobil Gargoyle SHC™ 226E Mobil Gargoyle Arctic SHC™ NH 68 Mobil Gargoyle™ Arctic 68 NH Mobil Gargoyle Arctic™ Oil 300
MISCIBLE CO₂			
R-744	Piston	❄️ -55°C to -10°C	Mobil SHC Gargoyle™ 80 POE
PROPANE			
R-290	Screw & Piston (non miscible)	❄️ -30°C to +20°C	Mobil Glygoyle™ 22
	Screw & Piston & Centrifugal (miscible)		Mobil Gargoyle Arctic SHC™ 200 series Mobil Gargoyle Arctic™ Oil 300

The benefits of Mobil™ oils:



Superior quality
Very high performance



High miscibility
Greater system efficiency



Thermal stability
Long service life