



A WIDE RANGE OF VISCOSITIES
to suit all equipment and applications



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			
Solstice® ze (R-1234ze)	Piston	❄️ -20°C to +10°C	Mobil SHC Gargoyle™ 32 Mobil EAL Arctic™ 68 & 100 Mobil EAL Arctic™ 170 & 220
	Centrifugal		
	Screw		
Solstice® yf (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			
Solstice® L40X (R-455A)	Piston	❄️ -50°C to -30°C	Mobil SHC Gargoyle™ 32 Mobil EAL Arctic™ 100 & 170 Mobil EAL Arctic™ 68 & 100
	Screw		
	Centrifugal		
Solstice® N40 (R-448A) Solstice® 449A (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		
Solstice® 513A (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		
Solstice® N71 (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 Mobil Gargoyle Arctic SHC™ 200 series Mobil Gargoyle Arctic™ Oil 300
	Screw & Piston & Centrifugal (miscible)		

The benefits of Mobil™ oils:



Superior quality
Very high performance



High miscibility
Greater system efficiency



Thermal stability
Long service life