

Having the right oil is essential to ensure the performance and longevity of a refrigeration installation

ISO Grades

ISO 32

ISO 46

ISO 55

ISO 68

ISO 100

ISO 150

ISO 220

HC = Hydrocarbon

Poly Alpha Olefin (PAO)

Mobil Arctic
SHC 224
ISO 32
NH₃

CPI
4600-32
ISO 32
HC

CPI
4600-46
ISO 46
HC

CPI
4600-68
ISO 68
HC

CPI
4624-68F
ISO 68
CO₂

CPI
4628-68
ISO 68
NH₃

CPI-4647-68
(PAO & AB)
ISO 68
NH₃

Mobil Arctic
SHC 226 E
ISO 68
NH₃

Mobil Arctic
SHC NH68
(PAO & AB)
ISO 68
NH₃

CPI
4600-100
ISO 100
HC

Mobil Arctic
SHC 228
ISO 100
NH₃

CPI
4600-150
ISO 150
HC

Mobil Arctic
SHC 230
ISO 220
NH₃

Poly Alkylen Glycol (PAG)

CPI
1515-32
ISO 32
HC

CPI
1516-32
ISO 32
R-290

Zerol RFL
46 EP
ISO 46
CO₂

Zerol RFL
68 EP
ISO 68
CO₂

CPI
1515-68
ISO 68
HC

CPI
1516-68
ISO 68
R-290

CPI
1515-100
ISO 100
HC

CPI
1516-100
ISO 100
R-290

CPI
1516-150
ISO 150
R-290

Alkyl Benzene (AB)

Mobil
Zerice S46
ISO 46
HCFC/NH₃

Mobil
Zerice S68
ISO 68
HCFC/NH₃

Mobil
Zerice S100
ISO 100
HCFC/NH₃

Mineral (MN / MO)

Suniso 3GS
ISO 32
HC / HCFC /
NH₃

Mobil
Gargoyle
Arctic 155
ISO 32
HC / HCFC /
NH₃

Mobil
Gargoyle
Arctic C Heavy
ISO 46
HC / HCFC /
NH₃

Suniso 4GS
ISO 55
HC / HCFC /
NH₃

Mobil
Gargoyle
Arctic 300
ISO 68
HC / HCFC /
NH₃

Hydrotreated Mineral Oils

CPI
1008-68
ISO 68
NH₃

CPI
1009-68
ISO 68
NH₃

Reflo 68A
ISO 68
NH₃

Mobil
Gargoyle
Arctic 68 NH
ISO 68
NH₃

CPI
1009-100
ISO 100
NH₃

Polyvinyl Ether (PVE)

Bitzer
BVC 32
ISO 32
HFC

IDS Refrigeration Limited, 22 Apex Court, Woodlands, Bradley Stoke, Bristol BS32 4JT. 0117 980 2520

The choice of lubricant is specific to the installation and application in question. This information is meant as a guide only.

Not all lubricants are equivalent therefore it is important to follow the recommendations of the compressor manufacturer or seek further advice from Climalife.

Having the right oil is essential to ensure the performance and longevity of a refrigeration installation

ISO Grades

ISO 22

ISO 32

ISO 46

ISO 55

ISO 68

ISO 80

ISO 100

ISO 120

ISO 170

ISO 180

ISO 220

ISO 370

HC = Hydrocarbon

Polyol Ester (POE)

Mobil EAL
Arctic 22 CC
ISO 22
HFC / HFO

Emkarate
RL22 H
ISO 22
HFC / HFO

HQ POE 22
ISO 22
HFC / HFO

CPI Solest 22
ISO 22
HFC / HFO

Mobil
Gargoyle
SHC 32
ISO 32
HFC / HFO

Emkarate
RL32 H
ISO 32
HFC / HFO

Emkarate
RL32-3 MAF
ISO 32
HFC / HFO

HQ POE 32
ISO 32
HFC / HFO

Bitzer
BSE 32
ISO 32
HFC / HFO

Mobil EAL
Arctic 46
ISO 46
HFC / HFO

Emkarate
RL46 H
ISO 46
HFC / HFO

Emkarate
46 HB
ISO 46
HFC / HFO

HQ POE 46
ISO 46
HFC / HFO

CPI Solest 46
ISO 46
HFC / HFO

Icematic
NXG 5020
ISO 46
R-32 / HFO

Bitzer
BSE 55
ISO 55
HFC / HFO

Bitzer
BSE 60K
ISO 55
CO₂

Icematic
NXG 5130
ISO 68
R-32 / HFO

Mobil EAL
Arctic 68
ISO 68
HFC / HFO

Emkarate
RL68 H
ISO 68
HFC / HFO

HQ POE 68
ISO 68
HFC / HFO

CPI Solest 68
ISO 68
HFC / HFO

Emkarate
RL68 HB
ISO 68
CO₂

Mobil SHC
Gargoyle
80 POE
ISO 80
CO₂

Fuchs Reniso
C8SE
ISO 80
CO₂

Bitzer
BSE 85K
ISO 80
CO₂

Mobil EAL
Arctic 100
ISO 100
HFC / HFO

Emkarate
RL100 H
ISO 100
HFC / HFO

CPI Solest 120
ISO 120
HFC / HFO

Emkarate
RL170 H
ISO 170
HFC / HFO

HQ POE 170
ISO 170
HFC / HFO

CPI Solest 170
ISO 170
HFC / HFO

Mobil EAL
Arctic 170
ISO 170
HFC / HFO

Bitzer
BSE 170
ISO 170
HFC / HFO

CPI Solest 180
ISO 180
HFC / HFO

Emkarate
RL220 H
ISO 220
HFC / HFO

HQ POE 220
ISO 220
HFC / HFO

CPI Solest 220
ISO 220
HFC / HFO

Icematic 220A
ISO 220
HFC / HFO

Mobil EAL
Arctic 220
ISO 220
HFC / HFO

CPI Solest 370
ISO 370
HFC / HFO

Tips for storing lubricants



Store drums and cans inside away from direct sunlight and moisture. With good storage conditions, unopened, you can store the oils up to 2 to 4 years (dependent on the brand type and manufacturer).



Good practice for outside storage. If you can't store your cans inside, be careful on how you store them outside. Ensure the plug is in to avoid a risk of water infiltration. Lay the drums down or tilt them so that the inclination allows water to drain away.



Avoid vertical storage – risk of water infiltration inside drum

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