

FORCE REFRIGRANT COMPRESSOR ISO VG 15,32,46,68,100

DESCRIPTION

FORCE REFRIGRANT COMPRESSOR is refrigerant compressor oil formulated from high quality Medium Viscosity Index (MVI) mineral base oil which has very good low temperature characteristics.

APPLICATION

FORCE REFRIGRANT COMPRESSOR is recommended to be used in compressor with ammonia, CO₂, Methylene Chloride and CFC as the refrigerant, but FORCE REFRIGRANT COMPRESSOR is not suitable to be used in a system with Hydro Fluoro Carbon (HFC) refrigerant, such as R134A.

FORCE REFRIGRANT COMPRESSOR is designed primarily for the lubrication of refrigerant compressors, mainly the open and semi sealed type operating at moderate evaporator temperatures and thermal loads. Also suitable for other low temperature applications where a straight mineral oils is recommended.

TYPICAL RESULT

Characteristic	Test Method	Refrigerant Compressor 15	Refrigerant Compressor 32	Refrigerant Compressor 46
ISO Viscosity Grade		15	32	46
Specific density, 15° C	ASTM D - 4052	0.886	0.894	0.898
Viscosity Kinematic , at 40° C, cSt at 100° C, cSt	ASTM D - 445	15.5	32.4	47.6
	ASTM D - 445	3.2	4.8	5.8
Viscosity Index	ASTM D - 2270	48	47	51
Color	ASTM D - 1500	0.5	L 1.5	L 1.5
Flash Point, (COC) ° C	ASTM D - 92	159	162	180
Pour Point, ° C	ASTM D - 97	-39	-36	-33

Characteristic	Test Method	Refrigerant Compressor 68	Refrigerant Compressor 100
ISO Viscosity Grade		68	100
Specific density, 15° C	ASTM D - 4052	0.903	0.906
Viscosity Kinematic , at 40° C, cSt at 100° C, cSt	ASTM D - 445	67.4	106.9
	ASTM D - 445	7.1	9.0
Viscosity Index	ASTM D - 2270	41	28
Color	ASTM D - 1500	L 2.0	L 1.5
Flash Point, (COC) ° C	ASTM D - 92	182	198
Pour Point, ° C	ASTM D - 97	-27	-24