Product Information

DAYAN COMPRESSOR 4GS SERIES

DAYAN SINCE 2009

Naphthenic Refrigeration Compressor Oil

Description

DAYAN COMPRESSOR 4GS lubricants are formulated from solvent-refined high quality naphthenic oils which have been specially refined to produce low pour and floc points.

Features and benefits

- Very low floc point.
- Low levels of paraffinic hydrocarbons, resulting in extremely low wax contents.
- Good miscibility with HFC refrigerants at low temperatures.

Applications

These grades are suitable for applications where manufacturers recommend naphthenic oils, and where the low evaporator temperatures demand the use of a lubricant with a low floc point.
DAYAN COMPRESSOR FR is suitable for use in systems where Freon 22, 11, 112, 113, 114, 502 and 522 are employed.
DAYAN COMPRESSOR FR can be used in ammonia systems with low evaporation temperatures.

Product and environmental safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

The DAYAN trademark is registered and protected in Iran.

Technical Data

Test	Units	Method	COMPRESSOR 4GS
ISO Viscosity Grade	-	-	55
Refrigeration Oil group	-	DIN 51503	KAA , KC,KE
Relative Density at 15°C	Kg/m^3	ASTM D2270	901
Kinematic Viscosity at 40°C	mm^2/s	ASTM D445	55
Kinematic Viscosity at 100°C	mm^2/s	ASTM D445	6.3
Flash Point	°c	ASTM D92	185
Pour Point	°c	ASTM D5985	-36
Floc Point R 12	°c	DIN 51351	<-42
Breakdown Voltage	KV	IEC 60156	40
TAN	mg KOH/g	ASTM D974	0.01

Note:
1- The Typical characteristics are given as a guide only and may vary according to latest production according to ISO.

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