

AVIN Marine Series

Refrigeration Compressor Oils



Technical Data Sheet

FRIO SYN PE

DIN 51506 VDL, ISO/DP 6521-L-DAB (medium duty), ISO 6743-3: DAB (severe duty), EN 12021

Description

AVIN FRIO SYN PE Series is a high quality, fully synthetic (POE-based) lubricant, intended for use in refrigeration and cooling systems compressors.

Functional Characteristics

Outstanding performance in all operating conditions.
Extended service intervals.
Very good solubility.
Excellent rust and wear protection.
Excellent oxidation resistance.
Good elastomer compatibility.

Typical Use

FRIO SYN PE Series oils are recommended for open, semi-open and hermetic compressors in all types of applications operating with refrigerants R134A, R23, R404A, R407C, R507 and other HFC blends.

Typical Characteristics

FRIO SYN PE

ISO	46	68	100
Specific gravity at 15°C/4°C	0,88	0,890	0,895
Viscosity at 40°C, cst	46,0	68,0	100,0
Viscosity at 100°C, cst	7,9	10,5	13,9
Viscosity Index	142	140	140
Flash Point (C.O.C.), °C	225	240	245
Pour Point, °C	-51	-51	-47