

Sabroe AP68

Synthetic Refrigeration Oil

Product Description

Sabroe AP68 Synthetic Refrigeration Oil is a fully synthetic lubricant formulated using wax free, synthesized hydrocarbons of polyalphaolefin (PAO) and synthetic Alkylbenzene base oils which have demonstrated outstanding resistance to thermal/oxidative degradation. Even in the worst operating conditions this oil will reduce sludge and deposit formation, hence avoiding or minimizing filter clogging.

Features and Benefits

Superior thermal stability	Long oil life, extended drain intervals, less maintenance costs
Good seal compability	Limited risk of leakage when changing from mineral oil
Solvency	Cleaning effect, especially when switching from mineral oil technology
Very low pour point	Enables lower evaporating temperatures, easier oil drainage
Low volatility	Reduced need of oil top-up, avoids viscosity build-up

Applications

Sabroe AP68 Synthetic Refrigeration Oil is particularly suited for use in ammonia compressors with evaporative temperatures as low as -50 °C, and due to the good compatibility with rubber seals it is preferable to compressors that have previously been lubricated with mineral oils.

Typical Properties

Test Procedure	Typical	Test Method
Viscosity @ 40°C, cSt	64	ASTM D445
Viscosity @ 100°C, cSt	8.5	ASTM D445
Viscosity Index	103	ASTM D2270
Specific Gravity, g/ml	0.85	ASTM D4052
Pour Point, °C	<-50	ASTM D97
Flash Point, °C	211	ASTM D92
Acid no., mg KOH/g	0.01	ASTM D974

Johnson Controls Denmark

www.johnsoncontrols.com

www.sabroe.com

