

Alfaref SHC 220

Product Description

AEGEAN' S ALFAREF SHC 220 is a superior quality fully synthetic, polyalphaolefin (PAO) refrigeration system lubricant with excellent flow characteristics at low temperatures and very high oxidation resistance at high temperatures. It is characterized by the low pour point and excellent pump ability. It offers reduced miscibility in refrigerants, resulting in a lubrication film of excellent strength. The low friction coefficient of PAO lubricants, provides reduced consumption and increased efficiency.

Performance Features

- Excellent flow characteristics at low temperatures
- Reduced consumption and increased efficiency
- Suitable for cooling circuits operating with ammonia
- Low volatility
- Reduced miscibility to refrigerants
- Compatible with older R-12 and R-22 fluids
- Excellent lubricity

Application

AEGEAN' S ALFAREF SHC 220 is recommended for refrigeration systems operating in industrial and marine environments that use amongst others ammonia, carbon dioxide, HCFCs such as R-12 and R-22. It offers excellent performance to older technology refrigerants such as R-12 and R-22. It provides reduced oil shaft seal leakage for compressors operating under pressure. The AEGEAN' S ALFAREF SHC 220 series is fully compatible with any mineral based refrigeration lubricant.

Typical Properties:

ALFAREF SHC 220		Method
Specific gravity at 20°C, Kg/l	0.852	ASTM D-1298
Viscosity, Kinematic at 40°C, cSt	220	ASTM D-445
Viscosity Index	151	ASTM D-2270
Pour Point, °C	-38	ASTM D-97
Flash Point COC, °C	260	ASTM D-92

Note:

The above information is indicative based on current production and does not constitute a specification. Results can be affected by allowable production tolerances, not affecting performance.