

JETTA SYNTHETIC AMMONIA COMPRESSOR OIL PAO 68

Description

Fully synthetic, heavy duty industrial compressor oil formulated from the highest quality polyalphaolefin (PAO) base fluids. It contains additives for oxidation inhibition, corrosion protection, pour point depression, and defoaming. Widely used for applications where the lubricant is subjected to harsh chemical environments, such as the demanding conditions found in ammonia refrigeration applications for Reciprocating compressors, Screw compressors and Rotary Vane.

Applications

- Ammonia Refrigeration applications
- Also recommended for hydraulic systems and rotary screw and vane compressors in meat and poultry processing plants, bakeries and fruit and vegetable processing plants.
- Can be used in refrigerator equipments operating with CO2

Cost Saving Benefits

- They are compatible with seal and gasket materials normally used in hydraulic and compressor systems.
- Non carbonization
- Less oil in evaporators
- Reduced wear, longer machine life
- Better flow in liquid pump
- Efficiency of heat transfer in evaporation
- Less down time

TYPICAL DATA

PROPERTIES	METHOD	UNIT	RESULT
ISO Viscosity Grade			68
Density , 60/60 °F		lb/gal	6.96
Specific Gravity			0.836
Viscosity at 40°C	ASTM D-445	cSt	67
Viscosity at 100°C	ASTM D-445	cSt	10
Viscosity index	ASTM D-2270		135
Flash Point, COC	ASTM D-92	°C	280
Pour Point	ASTM D-97	°C	-54
Color	ASTM D 1500		L1.0
Cu Corrosion	ASTM D 130		1A
Fe Corrosion	ASTM D 665		
- Distilled Water			Pass
- Salt Water			pass
Four Ball Wear, at 40kg	ASTM D 4172B	mm	0.36
Foaming Resistance	ASTM D 892		
- Sequence I, II, III			Pass
Carbon Residue	ASTM D 524	mg	0.05