

UNITED ADVANCED SYNTHETIC COMPRESSOR OIL

Product Description

Advanced Synthetic Compressor oil designed with premium performance, synthetic base comprising polyalphaolefin and alkylated naphthalene technology. It contains a rust and oxidation inhibitor system plus anti-wear additives to provide outstanding oxidation resistance and corrosion protection. High viscosity index and low pour point of the polyalphaolefin base fluid permits application in a wider range of ambient operating temperatures than with conventional lubricants. This product provides long oil life and effective lubrication in severe applications.

This product is recommended for lubrication of reciprocating, rotary screw slide vane air compressors where the air delivery temperatures are greater than 150°C, but it is not recommended for use in breathing air compressors.

Applications / Benefits

- * Good surface properties, rusting and wear protection
- * Excellent thermal stability and outstanding resistance to oxidation
- * Allows up to 12,000 hours drain intervals (normal operating temperature)
- * Extended oil service life; minimizes maintenance and downtime

Typical Characteristics

Test Description	Method	Unit				
ISO Viscosity Grade	-	-	32	46	68	100
Density @ 15 °C	ASTM D 4052	kg/L	0.841	0.844	0.847	0.848
Flash Point	ASTM D 92	°C	238	242	254	258
Pour Point	ASTM D 97	°C	-48	-45	-45	-42
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	32.4	45.54	67.92	103.4
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	5.94	7.614	10.67	14.79
Viscosity Index	ASTM D 2270	-	130	134	146	149

Specifications, Approvals & Recommendations

* AGMA	9005-F16 R&O
* ASTM	D-4304 Type I,II,III
* BRITISH STANDARD	BS 489
* DIN	51506 VDL
* DIN	51515 Part 1 & 2
* DIN	51524 Part 1
* FIVES CINCINNATI	P-38
* GEK	27070
* GEK	28146 B Type I
* GEK	46506E
* GEK	32568K
* GEK	101941A
* GEK	121608
* INDIAN STANDARD	IS 1012
* ISO	8068 TSA and TGA
* ISO	8068 TGE TSE
* ISO	11158 HH & HL
* JIS	K2213 Type 2
* SIEMENS FLUID	Specification 65/0027
* SIEMENS AG	TLV 9013 04 Standard Thermal Stability
* SIEMENS AG	TLV 9013 05 High Thermal Stability
* SOLAR TURBINES	ES 9-224

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65213289G4REV1

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