

UNT ICL COMPRESSOR OIL

Description

UNT ICL Compressor Oil is a product designed for use in air compressors and high temperature circulating systems. This product minimizes the formation of acidic oxidation byproducts that can lead to system corrosion and reduced oil life. The naturally high viscosity index of the hydrotreated base fluid provides oil stability and maintains a tough fluid film even at high operating temperatures. This product has also been field-proven in a wide range of compressor types operating under harsh conditions.

UNT ICL Compressor Oil's typical oil drain interval (ODI) is up to 6000 hours at normal operating temperatures. ODI is recommended to be capped at 800 hours in more severe applications where the operating temperature is above 100°C.

Properties

- ┆ Minimizes deposit formation
- ┆ Resists oxidation
- ┆ Effective detergent action
- ┆ Superior anti-wear properties

Technical Characteristics

Test Description	Method	Unit	ISO 32	ISO 46	ISO 68	ISO 100
ISO Viscosity Grade	-	-				
Density @ 15 °C	ASTM D 4052	kg/L	0.861	0.866	0.872	0.878
Flash Point	ASTM D 92	°C	216	220	226	244
Pour Point	ASTM D 97	°C	-24	-21	-18	-15
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	32.7	46.5	66.4	98.5
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	5.5	6.9	8.6	11.2
Viscosity Index	ASTM D 2270	-	106	103	101	99

Technical Characteristics

Test Description	Method	Unit	ISO 150
ISO Viscosity Grade	-	-	ISO 150
Density @ 15 °C	ASTM D 4052	kg/L	0.881
Flash Point	ASTM D 92	°C	248
Pour Point	ASTM D 97	°C	-12
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	148.5
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	14.7
Viscosity Index	ASTM D 2270	-	98

Specifications

T AGMA	9005-F16 R&O
T ASTM	D-4304 TYPE I
T ASTM	D-4304 TYPE II
T ASTM	D-4304 TYPE III
T BRITISH STANDARD	BS 489
T DIN	51515 PART 1
T DIN	51515 PART 2
T DIN	51506 VDL
T DIN	51524 PART 1
T FIVES CINCINNATI	P-38
T GEK	101941A
T GEK	32568K
T GEK	121608
T GEK	27070
T GEK	46506E
T GEK	28143 B TYPE I
T INDIAN STANDARD	IS 1012
T ISO	11158 HH
T ISO	11158 HL
T ISO	8068 TSA
T ISO	8068 TGA
T ISO	8068 TGE TSE
T JIS	K2213 TYPE 2
T SIEMENS	FLUID SPECIFICATION 65/0027
T SIEMENS	AG TLV 9013 04 STANDARD THERMAL STABILITY
T SIEMENS	AG TLV 9013 05 HIGH THERMAL STABILITY
T SOLAR TURBINES	ES 9-224

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