

UNITED HYDRO VESTA COMPRESSOR OIL

Product Description

Compressor oil blended with hydro-treated based fluids designed for use in air compressors and high temperature circulating systems where freedom from deposit formation is desired. This product is resistant to oxidation, thereby minimizing the formation of acidic oxidation byproducts that can lead to system corrosion and reduced oil life. The naturally high viscosity index of the base fluid provides stable viscosity characteristics and maintains a tough fluid film even at high operating temperatures.

This product allows for oil drain intervals up to 6000 hours at normal operating temperatures. In more severe applications where the operating temperature is above 100°C, ODI is recommended at 800 hours. This product has been field-proven in a wide range of compressor types operating under harsh conditions.

Applications / Benefits

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

Typical 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

Typical Characteristics

Test Description	Method	Unit	
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

Suggested for the Following Uses

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

 Reference No.
 6521G2COMPOILREV0

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