

# UNITED SYN VESTA COMPRESSOR OIL

## Product Description

**Fully Synthetic Compressor Oil is designed for use in air compressors and high temperature circulating systems where freedom from deposit formation and extra long drain interval are desired.**

Formulated from fully synthetic base stocks and reinforced with carefully selected additives, this compressor oil is resistant to oxidation across its operating range, minimizing the formation of acidic oxidation products that can lead to system corrosion and reduced oil life. The high viscosity index ensures stable viscosity characteristics and maintenance of a tough fluid film, even at high operating temperatures.

This product allows for an oil drain interval of up to 7,000 hours under normal operating conditions, with a maximum operating temperature of 100 °C. It has been field-proven across a wide range of compressor types operating under demanding conditions.

## Applications / Benefits

- \* Effective anti-oxidation action
- \* Minimizes deposit formation
- \* Superior anti-wear properties
- \* Widest usable temperature range

## Typical Characteristics

Test Description	Method	Unit	ISO 22	ISO 32	ISO 46	ISO 68
ISO Viscosity Grade	-	-				
Density @ 15 °C	ASTM D 4052	kg/L	0.845	0.848	0.851	0.852
Flash Point	ASTM D 92	°C	192	220	232	236
Pour Point	ASTM D 97	°C	-24	-18	-15	-18
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	22.2	33.7	46.5	68.7
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	4.6	6.1	7.8	10.6
Viscosity Index	ASTM D 2270	-	128	131	137	142

## Typical Characteristics

Test Description	Method	Unit	
ISO Viscosity Grade	-	-	<b>ISO 100</b>
Density @ 15 °C	ASTM D 4052	kg/L	0.852
Flash Point	ASTM D 92	°C	240
Pour Point	ASTM D 97	°C	-21
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	100.2
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	14.2
Viscosity Index	ASTM D 2270	-	145

## Suggested For The Following Uses

* AGMA	9005-F16 R&O
* ASTM	D-4304 TYPE I
* ASTM	D-4304 TYPE II
* ASTM	D-4304 TYPE III
* ALSTOM HTGD	90117
* BRITISH STANDARD	BS 489
* DIN	51515 PART 1
* DIN	51515 PART 2
* DIN	51506 VDL
* DIN	51524
* FIVES CINCINNATI	P-38
* GEK	101941A
* GEK	121608
* GEK	27070
* GEK	28143 B TYPE I
* GEK	32568R
* GEK	46506E
* INDIAN STANDARD	IS 1012
* ISO	11158
* ISO	8068 TSA
* ISO	8068 TGA
* ISO	8068 TGE TSE
* 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

Reference No.  
6521G3COMPREV0

Last revised date:  
11/12/2025