



## UNITED ADVANCED SYNTHETIC COMPRESSOR OIL

### Product Description:

United Advanced Synthetic Compressor Oil is a premium performance, synthetic compressor oil based on 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 points of the polyalphaolefin base fluid permits application in a wider range of ambient operating temperatures than with conventional lubricants. United Advanced Synthetic Compressor Oil provides long oil life and effective lubrication in severe applications.

United Advanced Synthetic Compressor Oil is recommended for lubrication of reciprocating, rotary screw slide vane air compressors where the air delivery temperatures are greater than 150°C. But not recommended for use in breathing air compressors.

### Applications / Benefits:

- ▣ Very good surface properties, rusting and wear protection
- ▣ Excellent thermal stability and outstanding resistance to oxidation.
- ▣ Extended oil service life. Minimum maintenance and downtime.
- ▣ High viscosity index and low pour point.
- ▣ Will allow the oils drain interval up to 8000 hours with normal operating temperature.

### Typical Characteristics:

Test Description	Method					
ISO Viscosity Grade	-	<b>32</b>	<b>46</b>	<b>68</b>	<b>100</b>	<b>150</b>
Specific Gravity @ 15 °C	ASTM D 4052	0.838	0.842	0.846	0.847	0.850
Flash Point, °C	ASTM D 92	238	242	254	258	260
Pour Point, °C	ASTM D 97	-48	-45	-42	-42	-39
Kinematic Viscosity, cSt @ 40°C	ASTM D 445	31.1	45.8	68.5	101	151
cSt @ 100°C	ASTM D 445	5.75	7.56	10.3	14.2	19.3
Viscosity Index	ASTM D 2270	128	131	136	144	146
Color	ASTM D 1500	<0.5	<0.5	<0.5	<0.5	<0.5