



Synthetic Compressor Oils

Starfire Synthetic Compressor Oils are developed to impart exceptional lubrication in high temperature and pressure turbine operating conditions and other industrial applications. Formulated with high purity paraffinic base stocks and a unique ashless rust and oxidation oil additive package, these turbine oils possess metal passivators for stability and longer fluid life, excellent oxidative stability with RBOT times exceeding twice the requirement of many OEM's and outstanding rust and corrosion properties at high operating conditions. Turbine oils are available in three ISO viscosity grades 32, 46 and 68.

Applications:

- Starfire Synthetic Compressor Oils are suitable for oil-flooded rotary compressors.
- Starfire Synthetic Compressor Oils are suitable for the lubrication of rotors, bearings and gears in rotary compressors, especially the oil flooded screw type with lubricant drain cycles of up to 2000 hours. They are also used for either normal or severe duty lubrication of reciprocating and rotary drip-feed air compressors.

Typical Physical Properties:

<u>ISO Grades</u>	<u>32</u>	<u>46</u>	<u>68</u>
API Gravity at 60 °F	34.97	33.56	32.08
Density, lbs/gal at 60 °F	7.10	7.15	7.22
Viscosity at 40 °C, cSt	33.51	42.79	70.51
Viscosity at 100 °C, cSt	5.95	7.41	10.57
Viscosity Index	123	129	138
Flash (COC), °C	208.5	218.9	224.5
Foaming (ml/ml)	10/0	10/0	10/0