



LUCAS OIL PRODUCTS, INC. PRODUCT DATA SHEET

SYNTHETIC COMPRESSOR OILS ISO 32, 46, 68, 100, 220

Lucas Oil Synthetic Compressor Oils are fully synthetic lubricants for industrial air compressors and general industrial applications requiring high-performance rust and oxidation protection. Our formulations are zinc-free but deliver exceptional wear protection and extended service interval capabilities, exceeding 12,000 hours in industry standard testing. Our high thermal and oxidative stability mean reduced tendency for deposit, sludge, and varnish formation. Our formulation has excellent air and foam release properties and provides outstanding corrosion protection to all industrial equipment. They provide outstanding performance in rotary screw compressors as well as single and multi-stage reciprocating air compressors. Multiple viscosity grades are available for the broadest range of applications.

PART NUMBER AND SIZE:

ISO 32 10836 – 5 Gallon Pail, 10505 – 55

Gallon Drum, 11124 – 330 Gallon Totes

ISO 46 10497 - 5 Gallon Pail, 10498 - 55

Gallon Drum, 10499 - 330 Gallon Totes

ISO 68 10837 - 5 Gallon Pail, 10413 - 55

Gallon Drum, 11125 - 330 Gallon Totes

ISO 100 11041 - 5 Gallon Pail, 11044 - 55

Gallon Drum, 10485 - 330 Gallon Totes

ISO 220 11162 - 5 Gallon Pail, 10486 - 55

Gallon Drum, 10487 - 330 Gallon Totes

FEATURES AND BENEFITS:

- Fully synthetic formulation.
- Exceeds 12,000 hour oxidation resistance in industry standard tests.
- Broad range of viscosities available for compressors and industrial equipment of all types.
- Resists oxidation, varnish, and deposit formation.
- Inhibits corrosion of ferrous and yellow metals.

SPECIFICATIONS, APPROVALS AND RECOMMENDATIONS:

Lucas Synthetic Compressor Oils meet the requirements of Parker Hannifin HF-1, U.S. Steel 126, DIN 51524 Part I, Cincinnati Machine (Fives) P38, P54, P55 and P57, MIL-PRF-17672, AFNOR E48-600 HL and British Standard BS 489.

MAIN APPLICATIONS:

Lucas Oil Synthetic Compressor Oils meet the requirements of most Industrial steam, light and heavy-duty gas turbines and combined-cycle turbines, as well as turbo-compressors.



LUCAS OIL PRODUCTS, INC. PRODUCT DATA SHEET

TYPICAL PHYSICAL CHARACTERISTICS:

PROPERTIES	ASTM	32	46	68	100	220
API Gravity	D4052	36.5	36.5	36.3	36.3	37.45
Specific Gravity @ 60°F	D4052	.842	.842	.843	.843	.837
Density @ 60°F, lbs/US Gal	D4052	7.02	7.02	7.03	7.03	6.979
Viscosity @ 40°C cSt	D445	32	46	68	100	218
Viscosity @ 100°C cSt	D445	6.6	9	11.88	16.06	31.28
Viscosity Index	D2270	168	175	180	180	187
Color	Visual	Clear	Clear	Clear	Clear	Clear
Flash Point, °C	D97	-32	-32	-30	-28	
Foaming Tendency, Seq II, mL	D892	20/0	20/0	20/0	20/0	20/0

These characteristics are typical of current production. However, slight variations in these characteristics may occur.

LINKS AND ADDITIONAL INFORMATION:

For additional product or health and safety information, including product Safety Data Sheets, visit [LucasOil.com](https://www.LucasOil.com)



LUCAS OIL PRODUCTS, INC. PRODUCT DATA SHEET