



TECHNICAL DATA SHEET

SYNTHETIC COMPRESSOR & TURBINE OILS ISO 32, 46, 68, 100

ISO 32 PRODUCT # 10836, 10505, 11124
ISO 46 PRODUCT # 10497, 10498, 10499
ISO 68 PRODUCT # 10837, 10413, 11125
ISO 100 PRODUCT # 11041, 11044, 10485
ISO 220 PRODUCT # 11162, 10486, 10487

GRADE, ISO	ASTM	32	46	68	100	220
API Gravity	D-1298	36.5	36.5	36.3	36.3	37.45
Specific Gravity @ 60°F	D-1298	.842	.842	.843	.843	.837
Density @ 60°F, Lbs/US Gal	D-1298	7.02	7.02	7.03	7.03	6.979
Viscosity @ 100°C, cSt	D-445	6.6	9	11.88	16.06	31.28
Viscosity @ 40°C, cSt	D-445	32	46	68	100	218
Viscosity Index		168	175	180	180	187
Color	Visual	0/ Clear	0/ Clear	0/ Clear	0/ Clear	0/ Clear
Pour Point, °C	D-97	-32	-32	-30	-28	
Foaming Tendency SEQ II	D-892	20/0	20/0	20/0	20/0	20/0

Lucas Synthetic Compressor & Turbine Oils are high quality, 100 percent synthetic lubricants employing API Group III, IV (PAO) and V base oils (diester technology). These are zinc-free products. They offer extended service life in rotary screw compressors as well as single and multi-stage reciprocating air compressors. Lucas Synthetic Compressor Oils provide excellent oxidative and thermal stability, superior wear protection and reduced deposits and sludge. Lucas unique formula reduces foam and air entrainment and resists hydrolysis.

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

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