



DYNAMO EXCELLENT ISO 100

SYNTHETIC PISTON/VANE COMPRESSOR LUBRICANT

Applications:

Dynamo Excellent ISO 100 is an advanced synthetic air compressor oil incorporating synthetic ester based fluids and a unique high performance additive system. It is designed to deliver the highest performance lubrication for high pressure reciprocating compressors running in excess of 220°C discharge temperatures at elevated pressures.

Typical Industrial Applications:

- Reciprocating Air Compressors
- Breathing Air Compressors

Performance Benefits:

- Safe, reliable and effective lubrication for extended service periods
- Extremely low tendency for deposit build-up
- Excellent water separation capabilities
- Minimizes possibility of fire or explosion
- Extends valve maintenance period from typically 1000 hours to 2000-4000 hours (depending on operating conditions)
- Exceptional protection of internal metal surfaces
- Prevents formation of carbon deposits and lacquer

TYPICAL PROPERTIES	TEST METHOD	Torque Excellent Coolant 46
ISO Grade	ISO 3448	100
Performance Standard	DIN 51506	VDL 100
Viscosity @ 40°C, mm ² /s		100
Viscosity @ 100°C, mm ² /s	ASTM D445	10.2
Density @15°C, kg/m ³	ASTM D1298	988
Flash Point, °C/°F	ASTM D92	260/500
Pour Point, °C/°F	ASTM D97	-39/-38.2
Sulphated Ash, %m	DIN 51575	<0.02
Rust Prevention 24h, Pass	ASTM D665A	Pass
Copper Corrosion (100°C/3h)	ASTM D130	1b
Water Separability @82°C, min	ASTM D1401	25