



OP-CEN Series
PREMIUM SYNTHETIC
CENTRIFUGAL
COMPRESSOR FLUIDS
CUTTING EDGE LUBRICANTS

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OPTIDYN OP-CEN series compressor lubricants are specifically formulated for today's modern bull gear centrifugal compressors. Our combination of base stocks and additives are designed to have extremely high shear stability and control oil misting, both are critical to proper performance of centrifugal compressors. OP-ICENR is a non-glycol OEM replacement fluid compatible with polyglycol OEM lubricants.

OPTIDYN OP-CEN lubricants are performing world wide in every environment imaginable, and are the standard in advanced technology fluids.

- Outstanding Oxidation Stability
- Very High Viscosity Index
- High Flash & Auto-Ignition Points
- Very Low Volatility
- Extremely High Film Strength
- Excellent Coolant Properties
- Very Long Life Fluid
- Energy Savings
- Carbon and Varnish Control
- Reduced Maintenance Costs
- Reduced Downtime
- Compatible with all Seal Materials
- Reduced Lubricant Consumption
- Excellent Rust & Corrosion Control
- Exceeds all Centrifugal OEM Specifications
- Reduced Misting

Typical Properties

Lubricant Designation	Test Method	OP-CEN32	OP-CEN46	OP-ICENR
Viscosity Index	ASTM D-2270	135	132	126
Viscosity cSt @ 40°C	ASTM D-445	33	43	36.2
Viscosity cSt @ 100°C	ASTM D-445	6.1	7.2	6.3
Viscosity SUS @ 100°F	ASTM D-445	155.0	200.1	169.5
Viscosity SUS @ 212°F	ASTM D-445	46.2	49.4	46.5
Flash Point, °F	ASTM D-92	455	475	453
Auto-Ignition Point, °F	ASTM D-2155	745	770	740
Pour Point, °F	ASTM D-97	-44	-40	-40
Four Ball, 40 Kg, 1200 RPM, 167°F	ASTM D-4172			
1 Hr, Scar Dia mm		0.4	0.4	0.4
Four Ball Weld Point, Kg	ASTM D-2783	100	100	110
Copper Corrosion, 24 Hr	ASTM D-130	1a	1a	1a
Demulsibility, 130°F, 30 min	ASTM D-1401	40/40/0	40/40/0	40/40/0