



SHELL CORENA[®] FLUIDS PAO

Synthetic air compressor lubricants

Product Description

Shell Corena[®] Fluids PAO are synthetic lubricants designed for the lubrication of compressors. They are formulated utilizing high quality base fluids that in combination with a technologically advanced additive system.

Applications

- rotary vane compressors
- rotary screw compressors
- reciprocating compressors
- centrifugal air compressors

Features/Benefits

- outstanding oxidation and thermal stability
- low varnish and carbon deposits
- excellent anti-wear properties
- excellent rust preventive properties
- low pour points
- high viscosity indexes
- compatibility with mineral oils and elastomers, paints and seals normally used with mineral oils
- excellent low temperature start-ups with rapid fluid circulation
- wide operating temperature range
- extended service life and reduced maintenance costs

Typical Properties of Shell Corena® Fluids PAO

	Test Method	ISO Viscosity Grade		
		32	46	68
Product Code		67225	67224	67226
Specific Gravity, 15°/15°C	D 1298	0.829	0.837	0.838
Color	D 1500	1	1.5	1.5
Viscosity:				
@ 20°C, cSt	D 445	76	130	176
@ 40°C, cSt	D 445	31	46.1	68
@ 100°C, cSt	D 445	5.7	7.93	10.2
Viscosity Index	D 2270	136	134	145
Fire Point, COC, °F	D 92	511	558	565
Sulfated Ash, wt%	D 874	0.03	0.03	0.03
Pneurop Oxidation Test 24 hrs @ 200°C % Carbon Residue	DIN 51352 Section 2	0.1	0.1	0.2
Air Release, 50°C, min	DIN 52381	1.0	1.0	1.0
FZG Gear Test				
Load Step Pass	D 51354	11	12	12
Rust Preventive Test	D 665B	Pass	Pass	Pass
Foam Test, all sequences	D 892	Trace	Trace	Trace

Handling & Safety Information

For information on the safe handling and use of this product, refer to its Material Safety Data Sheet at <http://www.shell-lubricants.com/msds/>. If you are a Shell Distributor, please call **1+800-468-6457** for all of your service needs. All other customers, please call **1+800-840-5737** for all of your service needs. Information is also available on the World Wide Web: <http://www.shell-lubricants.com/>.