



# SHELL CORENA<sup>®</sup> FLUIDS PAO Synthetic air compressor lubricants

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## Product Description

Shell Corena<sup>®</sup> Fluids PAO are synthetic lubricants designed for the lubrication of compressors. They are formulated utilizing the highest quality base fluids that are available in combination with the most technologically advanced additive systems that modern research has been able to develop.

## 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
- higher flash-points and auto-ignition temperatures than corresponding mineral oil products
- 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.equivashellmsds.com>. For more information and availability, call **1+800-782-7852** or visit the World Wide Web: <http://www.shell-lubricants.com/>.