

## TECHNICAL DATA SHEET

### Compressor Oil POE

Synthetic Polyol Ester ultra-long life compressor oil with excellent performance.

#### Benefits

Compressor Oil POE	
➤ POE Based	➤ Superior to petroleum based products
➤ High Viscosity Index	➤ Built in detergency
➤ R134a compatible.	➤ Stable at high temperatures
➤ High lubricity	➤ Bio-degradable

#### Typical Physical Properties

	POE46	POE68	POE100	POE150
Appearance	Pale clear fluid	Pale clear fluid	Pale clear fluid	Pale clear fluid
Viscosity at 40°C	46	65	100	150
Viscosity Index	90	90	90	90
Pour point (°C)	-40	-40	-35	-30
Ash	<0.01	<0.01	<0.01	<0.01
Flash Point (°C)	>200	>200	>200	>200
Copper corrosion ASTM D-130	1a	1a	1a	1a
Steel Corrosion ASTM D-665B	pass	pass	pass	Pass

#### Application Method

Compressor Oil POE have been tested for compatibility with competitor products and no physical instability was observed in the tests.

Compressor Oil POE if changing over from PAO, Mineral oil or PAG based compressor oils seals should be checked carefully in use as significant differences in seal swell properties exist.

Compressor Oil POE has been formulated with premium anti-oxidants, corrosion inhibitors and extreme pressure additives to make this product suitable for all types of compressor and >>8000hours duty is expected.

POE 46 and 68 are designed for rotary screw compressors; POE 100 is designed for reciprocating compressors.

John Neale Ltd, 25 Fairfield Road, Halesowen, West Midlands, B63 4PT  
info@johnnealeltd.co.uk  
[www.johnnealeltd.co.uk](http://www.johnnealeltd.co.uk)  
Telephone +44 (0) 121 585 8793

Compressor Oil POE