

Technical Bulletin

Plurasafe[®] ACL 46 E Compressor Lubricant



Plurasafe[®] ACL 46 E Compressor Lubricant is designed for all rotary compressors requiring a medium viscosity lubricant. Plurasafe[®] ACL 46 E Compressor Lubricant is a fully synthetic based lubricant, which is formulated, to provide excellent lubrication over a wide temperature range. It is hydrolytically stable and leaves no carbonaceous deposits or forms varnish when used over long periods.

Plurasafe ACL 46 E Compressor Lubricant provides excellent lubricity, with increased thermal and oxidative stability. Plurasafe ACL 46 E Compressor Lubricant has a high viscosity index.

Plurasafe ACL 46 E Compressor Lubricant is compatible with common elastomers used in seals and gaskets. The following elastomers are compatible, Viton, Buna N, silicone, EPDM, EPR, Butyl Rubber, Neoprene and natural black rubbers.

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Typical Physical properties of Plurasafe[®] ACL 46 E

Properties	Values
Viscosity @ 40°C	43.1
Viscosity @ 100°C	9.6
Viscosity Index	187
Pour Point, °F	-50
Flash Point, °C	224

Typical Performance properties of Plurasafe[®] ACL 46 E

Test	Result
Four Ball Wear	0.35 mm
Four Ball EP Test Weld Load	120 Kg
Load Wear Index	32
Rust Prevention D665A	Pass
Copper Corrosion D130	1A (100C/24 hrs)
Aluminum Staining Test	No stain/135C/96 hours
FZG Pass Stage	12
Oxidation Stability	
312 Hours @ 121°C	
Viscosity Change %	5.8
Precipitation Number	0.00 ml

**Property values listed are representative values and are not specifications.*

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