
PRODUCT INFORMATION

8,000 HOUR SYNTHETIC HYDROCARBON (SHC) COMPRESSOR LUBRICANT FOR CONTAMINATED ACID-GAS ENVIRONMENTS

DESCRIPTION:

DuroLube SHC 8K is a synthetic rotary screw compressor fluid formulated for use in contaminated *acid-gas* environments. DuroLube SHC 8K is a premium blend of hydrotreated synthetic hydrocarbon base stocks with an advanced additive system to optimize performance, service life and value where *acid-gas* ingestion is a known problem. DuroLube SHC 8K is rated for 8,000 hours service life under normal conditions, but may be significantly less in contaminated environments. As with all compressor fluids, routine oil analysis is recommended to determine when the oil needs changing.

BENEFITS:

DuroLube SHC 8K is blended from highly refined and hydrotreated petroleum base stocks, coupled with a robust additive package to deliver the same performance, protection and service life in normal environments as comparable OEM fluids. DuroLube SHC 8K is formulated to provide excellent resistance to *acid-gas* contaminants ingested by the compressor and is an economical choice for compressors operating in contaminated environments.

- Most economical choice for contaminated *acid-gas* environments
- Excellent Oxidation & Thermal Stability
- Low Oil Carryover
- Good Viscosity Index
- Excellent Corrosion Protection
- Lower Cost than comparable OEM PAO & SHC Fluids

ENVIRONMENTAL:

DuroLube SHC 8K is highly demulsifiable which increases the effectiveness of compressor condensate oil-water separators. Disposal of used fluid should be done in accordance with local, state, and federal regulations.

PRODUCT PROPERTIES

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DuroLube SHC 8K:

| PROPERTY | TEST METHOD | RESULT |
|-----------------------------|----------------------------|------------------------|
| COLOR | - | Clear |
| ISO VG GRADE | ISO 3448 | 46 |
| VISCOSITY @ 40 °C (104 °F) | ASTM D445 | 46.0 cSt |
| VISCOSITY @ 100 °C (212 °F) | ASTM D445 | 7.5 cSt |
| VISCOSITY INDEX | ASTM D2270 | 129 |
| POUR POINT | ASTM D5950 | -24 °C (-11 °F) |
| DENSITY @ 25 °C (77 °F) | ASTM D1298 | 0.86 g/cm ³ |
| FLASH POINT | ASTM D92 | 248 °C (478 °F) |
| FIRE POINT | ASTM D92 | 280 °C (536 °F) |
| TOTAL ACID NUMBER | ASTM D664 | 0.4 mg KOH/g |
| CORROSION PROTECTION | ASTM D665B Salt water test | Pass |
| COPPER CORROSION | ASTM D130 | Shiny 1B |
| ESTIMATED FLUID LIFE | - | 8,000 hours |

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