

DRYDENE SYNTHETICOOL GS 46

SYNTHETIC COMPRESSOR COOLANT



PRODUCT DESCRIPTION

DRYDENE SYNTHETICOOL GS 46 is a synthetic coolant custom blend ed from both polyalkylene glycol (PAG) and polyolester (POE) for use in rotary screw air compressors. It provides exceptional oxidation resistance which results in extremely minimal varnish and deposit formation. It maintains excellent heat transfer properties, long service life and excellent hydrolytic stability.

PRODUCT APPLICATION

DRYDENE SYNTHETICOOL GS 46 is a aftermarket alternative to OEM PAG coolants and provides equal service life of up to 10,000 hours in rotary screw compressors.

- Rotary screw compressors
- Centrifugal compressors
- Vacuum pumps

Drydene Syntheticool GS 46 is not compatible with mineral or PAO-based coolants

FEATURES AND BENEFITS

DRYDENE SYNTHETICOOL GS 46 will not form varnish deposits like typical petroleum or PAO based oils.

- Extended change-out intervals (up to 10,000 hours) provides cost savings over standard service fluids
- Elimination of deposit and varnish formation keep machinery clean and helps extend component life
- Waste disposal is minimized due to longer service life
- Helps eliminate seasonal oil change-outs
- Readily biodegradable, 100% synthetic fluid for reduced environmental impact
- Reduced fire hazards due to high flash point



TYPICAL TECHNICAL PROPERTIES

| PROPERTY | TEST METHOD | GS 46 |
|------------------------------|-------------|--------------------|
| ISO Grade | ASTM D2422 | 46 |
| Viscosity @ 40°C, cSt | ASTM D445 | 45.4 |
| Viscosity @ 100°C, cSt | ASTM D445 | 9.5 |
| Viscosity Index | ASTM D2270 | 201 |
| Pour Point, °C/°F | ASTM D97 | -50/-58 |
| Flash Point, °C/°F | ASTM D92 | 220/526 |
| Auto-ignition, °C | ASTM E659 | >390 |
| Foaming Sequences I, II, III | ASTM D892 | <10/0 |
| Color | ASTM D1500 | Pale yellow, green |

This product is not expected to have any adverse health implications when used for its intended purposes. Always wear protective gloves when handling used oil and dispose of properly. Avoid contact with skin and wash immediately with soap and water should any contact occur. Always follow manufacturers recommendations for fluid viscosity and service category. RelaDyne assumes no responsibility for product misuse or improper application. For a copy of this product's Safety Data Sheet (SDS), visit www.DRYDENE.com Rev (0422-01)