

ANDEROL® BDC 32

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HIGH PERFORMANCE BIODEGRADABLE SYNTHETIC LUBRICANT (ISO VG 32)

DESCRIPTION

ANDEROL® BDC 32 is nominally an ISO 32 grade, synthetic polyolester-based long life lubricant offering thermal oxidative resistance, biodegradability, and lubricity.

APPLICATIONS

ANDEROL® BDC 32 is recommended for use in the following applications:

- Wide variety of hydraulic, gear and bearing and compressor applications requiring an ISO 32 fluid
- Oil flooded rotary vane compressors
- Axial and centrifugal compressor
- Bearing applications including iron and copper-based sintered bearing materials

FEATURES and BENEFITS

- Eliminates compressor lacquering, varnishing and deposits
- Long-life, reduced oil changes
- Energy savings
- Wide application range: fluid at low temperatures and stable at high temperatures
- High flash point, improved safety
- Based on a biodegradable synthetic ester which meets OECD 310B "Ultimate" biodegradability requirements of greater than 60%

TYPICAL PROPERTIES:

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PROPERTIES	TEST METHOD	ANDEROL® BDC 32
Viscosity, cSt	ASTM D 445	
@40°C		34
@100°C		6.3
Viscosity Index	ASTM D 2270	138
Pour Point, °C	ASTM D 97	-29
Flash Point, COC, °C	ASTM D 92	292
Specific Gravity, 60°F (15.6 °C)	ASTM D 4052	0.97
Copper Strip Corrosion, ASTM	ASTM D 130	1B
Demulsibility @ 54°C, mL oil/water/emulsion (min)	ASTM D 1401	41/39/0 (<30)
Ultimate Biodegradability, %	OECD 301B	>60

COMPATIBILITY

The following paints, plastics and seal & hose materials are recommended for use with ester-based synthetic lubricants (materials not recommended are also included). For more information please call ANDEROL Technical Services

RECOMMENDED: Fluoroelastomers, High Nitrile Buna N, Polytetrafluoroethylene, Acetal resin & copolymers, BPT, Epoxy Paint, Oil-resistant Alkyd Paint.

NOT RECOMMENDED: Neoprene, Low Nitrile Buna N, SBR rubber, Polystyrene, PVC, ABS, Lacquer, Acrylic Paint.

PACKAGING

ANDEROL® BDC 32 is available in 5-gallon pails and 55-gallon drums. Other packages may be available upon request.

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