



TECHNICAL DATA

GB UNICOOL SYNTH 46

APPLICATIONS

GB UNICOOL SYNTH 46 is a high performance, synthetic compressor oil formulated with polyalphaolefin base fluids and multifunctional additives. Primarily recommended for rotary screw and vane air compressors, this lubricant has proved to be far superior in performance to conventional mineral oil based products, under all operating conditions.

PERFORMANCE FEATURES

GB UNICOOL SYNTH 46 is formulated to provide reliable compressor operation under arduous conditions, with lower maintenance costs, reduced power consumption and longer oil drain periods, and offers:

- Extended drain capability up to 8,000 hours
- Ashless additive technology
- High thermal and oxidative stability
- Excellent wear protection
- Good corrosion resistance
- Reduced varnish, sludge and carbon deposits
- Low foaming
- Rapid air release
- Superior demulsibility
- Low temperature fluidity
- Compatibility with mineral oil, elastomers and paints

PERFORMANCE DETAILS

GB UNICOOL SYNTH 46 may be used where the following specifications are required:

DIN 51506 VDL

ISO/DP 6521 DAG

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GB LUBRICANTS

Albany Road Gateshead NE8 3BP

Tel: 0191 490 4312

Fax: 0191 477 9544

e-mail: gblsales@gblubricants.co.uk

www.gblubricants.co.uk

Trading Name of Goodall Bates & Todd Ltd



GB LUBRICANTS

CHARACTERISTICS

TEST	UNIT	METHOD	TYPICAL PHYSICAL CHARACTERISTICS
ISO			46
Appearance	-	-	Pale amber liquid
Density @ 15°C	kg/m ³	IP 160	838
Kinematic Viscosity @ 40°C	cSt	IP 71	46.0
Kinematic Viscosity @ 100°C	cSt	IP 71	8.0
Viscosity Index	-	IP 226	147
Flash Point	°C	ASTM D 92	230
Pour Point	°C	IP15	-45
FZG	-	DIN 51354	11
Rust test	-	ASTM D 665A	Pass

STORAGE AND HANDLING

GB UNICOOL SYNTH 46 should be stored under cover to avoid water collecting in the rim of upturned barrels.

Further information on GB UNICOOL SYNTH 46 can be obtained by referring to the corresponding Safety Data Sheet.

The Company policy is to ensure that a range of products is supplied which complies with the latest specifications and codes within the relevant industry. As part of this development process, we therefore reserve the right to amend formulations without prior notice.