



Bringing Quality & Excellence

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TECHNICAL DATA SHEET

RD-N™ Synthetic Rock Drilling Oil

DESCRIPTION

RD-N™ is a high performance Synthetic Rock Drill Oil specifically formulated for use in monitor well and environmentally sensitive applications where a petroleum hydrocarbon- free product is necessary.

RD-N provides state-of-the-art lubrication for all makes of pneumatic percussion tools operating under severe conditions. RD-N possesses excellent oxidation stability while remaining fluid at temperatures well below 0°F. The load carrying capacities of RD-N surpass that found in top petroleum-derived oils. High film strength and superior lubricity prevent failure or premature wear on hammer bits.

RD-N is environmentally safe and undetectable to maintain site integrity and exceeds the stringent test specifications and guidelines as detailed in the Environmental Protection Agency EPA 8010, EPA 8240 and EPA 8270 guidelines. "Law Environmental National Laboratory" test results available upon request.

ADVANTAGES

- Petroleum hydrocarbon free.
- Nonmetallic- contains no lead, copper, zinc, etc.
- All-weather formula.
- Cools while lubricating.
- Chemically stable.
- High film strength.
- Superior lubricity.
- Prevents rust and corrosion.

APPLICATIONS:

RD-N Synthetic Rock Drill Oil is recommended for all pneumatically operated rock drills used in monitoring or environmentally sensitive applications. See special applications below.

SPECIAL APPLICATIONS:

JET-LUBE® RD-N Synthetic Rock Drilling Oil may also be used as a wire rope lubricant, as a hydraulic oil where ISO 100/SAE 30 grade oil is recommended, or as an air compressor oil on critical well sites where typical petroleum and synthetic oils are not suitable for use.

AIR COMPRESSOR APPLICATIONS WOULD REQUIRE MORE FREQUENT OIL CHANGES THAN NORMAL.
 PRODUCT CHARACTERISTICS

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Service Rating:	-32°C (-25°F) to 220°C (430°F)
Color/Appearance:	Clear Amber
Fluid Fluid Type:	Synthetic Esters
Specific Gravity:	0,94
Viscosity (ASTM-D445)	
cSt @ 40°C (104°F):	100
cSt @ 100°C (212°F):	12,1
Viscosity Index (ASTM D-2270):	112
Pour Point (ASTM D-97):	<-25°F (-32°C)
Rust Test (ASTM D-665):	A, Pass
Shell 4-Ball EP Test (ASTM D-2783)	
Weld Point, kfg:	315
Flash Point (ASTM D-92):	>430°F (221°C)
SAE Grade:	30
ISO Grade	100
(ISO 3448 or ASTM D-2422):	

PACKAGING

Code	Net contents	Container
46785312	19l	Jug

LIMITED WARRANTY

Jet-Lube (UK) Limited makes the Limited Express Warranty that at the date of delivery, this product shall be free from defects in Jet- Lube (UK) Limited materials and workmanship. This limited Express Warranty is expressly in lieu of any other express or implied warranties, including any implied warranty of merchantability or fitness for a particular purpose, and of any other obligation on the part of Jet-Lube (UK) Limited. The sole remedy for breach of the Limited Express Warranty shall be the refund of the purchase price. All other liability is negated and disclaimed, and Jet-Lube (UK) Limited shall not be liable for incidental or consequential damages.



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