

RD-N™

Synthetic Rock Drill Oil



TECHNICAL DATA SHEET

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DESCRIPTION

RD-N™ is a high performance Synthetic Rock Drill Oil specifically formulated for use in monitor well and environmentally sensitive drilling 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 -18°C (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 stringest test specifications and guideline as detailed in the Environmental Protection Agency EPA 8010, EPA 8240 and EPA 8270 guidelines. "Law Environmental National Laboratory" test results available upon request.

APPLICATIONS

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

SPECIAL APPLICATIONS

Jet-Lube **RD-N** 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

OPERATING RANGE:
-32°C to 220°C (-25°F to 430°F)

CHARACTERISTICS

- 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

PRODUCT SPECIFICATIONS

Fluid Type	Synthetic Esters
Specific Gravity	.94
Density (lb/gal), Typical	7.8
Viscosity (ASTM D-445)	
cSt @ 40°C	100
cSt @ 100°C	12.1
Viscosity index (ASTM D2270)	112
Pour Point (ASTM D-97)	< -32°C (-25°F)
Rust Test (ASTM D-665)	A, Pass
Shell 4-Ball EP Test (ASTM D-2783), Weld Point, kfg	315
Flash Point (ASTM D-92)	>221°C (430°F)
SAE Grade	30
ISO Grade (ISO 3448 or ASTM D-2422)	100
Color/Appearance	Clear Amber Fluid

PACKAGING

Inventory Code	Container Size	Container
18033	1 US Gallon	Pail
18035	5 US Gallon	Pail



LIMITED WARRANTY

Jet-Lube of Canada makes the Limited Express Warranty that at the date of delivery, this product shall be free from defects in Jet-Lube of Canada Ltd. 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 of Canada Ltd.

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 of Canada Ltd. shall not be liable for incidental or consequential damages.