



Pneumatic Percussion Tool Lubricant



Product description

Aries® is a high-performance lubricant for percussion-type air tools, which is formulated from highly refined mineral oils, extreme pressure, oiliness and tackiness additives, emulsifiers, rust and corrosion inhibitors, and anti-foam and anti-fogging agents.

Customer benefits and product features

Customer benefits

- **Helps protect against wear**

Extreme pressure performance can withstand heavy shock loads typical of rock drill service, helping protect the equipment against rapid wear.

- **Helps protect surfaces in wet environments**

Excellent emulsification properties help prevent water wash-off from critical areas when operating with wet air, or during hollow rod “wet drilling” operations. Effective rust and corrosion inhibitor system helps protect critical components in wet air or “wet drilling” operation.

- **Excellent performance**

Highly refined base oils with low carbon forming characteristics and special oxidation inhibitor helps prevent the formation of sludge and deposits which can produce sluggish valve action. Effective anti-foam inhibitor helps resist foaming in air-line lubricators to enable easy control of oil feed by facilitating regular supply of lubricant to the tool. Special anti-fogging additive helps minimise oil fog formation in equipment exhausts.

Applications

Percussion-type air tools operating under wet or dry conditions, including:

- Rock drills
- Concrete and pavement breakers (jackhammers)
- Tampers
- Rammers
- Riveting and chipping hammers, etc.

- Centralized lubricators of larger crawler-mounted pneumatic drill rigs
- Below are general ambient temperature guidelines for adequate atomization of air- line lubricators. OEM guidelines precede these, and should always be followed.

Aries 100	:	5°C to 25°C
Aries 150	:	Above 25° C
Aries 320	:	Above 30°C

Product approvals, performance and recommendations

Aries lubricants meet the requirements of Ingersoll-Rand Rock Drill Oil Specification

Typical test data

ARIES®	TEST METHOD	RESULTS		
ISO Grade		100	150	320
Product Code		540554	540555	540557
Copper Strip Corrosion	ASTM D130 3 hrs @ 100°C	1b	1b	1b
Pour Point, °C	ASTM D97	-27	-21	-15
Viscosity,				
mm ² /s @ 40°C	ASTM D445	96.0	143	305
mm ² /s @ 100°C	ASTM D445	11.5	15.2	26.3
Viscosity Index	ASTM D2270	107	104	96

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ENVIRONMENT, HEALTH and SAFETY. Information is available on this product in the Material Safety Data Sheet (MSDS) and Customer Safety Guide. Customers are encouraged to review this information, follow precautions and comply with laws and regulations concerning product use and disposal. To obtain a MSDS for this product, visit the [Product Information Center](#)

This Product Data Sheet (PDS) was produced for the Asia Pacific region based on the best available information at the time of issue. The specific information included may not directly reflect the market or conditions, and may vary. For the most up-to-date, country-specific information, please contact your local customer service center.