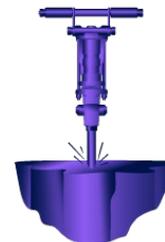


TECHNICAL PRODUCT SHEET

ROCK DRILL ISO 100



DESCRIPTION

ROCK DRILL is a heavy-duty lubricant specifically engineered for pneumatically powered rock drilling tools. It is formulated with high-viscosity index paraffinic base oils and fortified with an ashless extreme pressure additive system, combined with a special adhesion agent to ensure superior protection, durability, and performance under severe operating conditions.

APPLICATIONS

ROCK DRILL is designed for lubricating internal components of pneumatic percussion tools such as rock drills, hammers, and pavement breakers used in underground and surface mining operations. It performs reliably under extreme conditions in quarries, mines, construction sites, and other demanding industrial environments. ISO 100 grade is most recommended for moderate to medium-duty drilling applications.

SPECIFICATIONS

ISO 6743-11

PROPERTIES

ROCK DRILL provides excellent protection against rust and corrosion in wet conditions, combined with outstanding extreme-pressure properties and high load-carrying capacity. It offers superior thermal and oxidation stability, along with strong adhesion to prevent oil from being carried away by air, ensuring reliable performance in demanding environments.

BENEFITS

ROCK DRILL extends air tool life while reducing maintenance and repair costs. It protects against wear and seizure of sliding metal surfaces under heavy or shock loads, prevents gummy deposit formation that can slow valve action, and maintains a stable oil film on metal surfaces to resist dripping and leakage.



TECHNICAL PRODUCT SHEET

PHYSICAL-CHEMICAL CHARACTERISTICS

ROCK DRILL	METHOD	ISO 100
Density at 15°C, g/cm ³	ASTM D4052	0.887
Viscosity, Kinematic (cSt) 40°C	ASTM D445	100
Viscosity, Kinematic (cSt) 100°C	ASTM D445	11.3
Viscosity index	ASTM D2270	99
Flash point, COC, °C	ASTM D92	248
Pour point, °C	ASTM D97	-12
Copper corrosion	ASTM D 130	1a
Rust Test	ASTM D665	Pass

The above mentioned characteristics represent mean values.

STORAGE

All packages must be stored in covered, well-ventilated areas. If outdoor storage cannot be avoided, barrels must be placed horizontally to prevent water ingress and to protect labels and markings from damage. Products must not be stored at temperatures above 60 °C and must not be exposed to direct sunlight, freezing conditions, or extreme temperature fluctuations.



HEALTH & SAFETY

This product is not considered to pose significant risks to health or safety when used as intended and in accordance with recommended personal hygiene practices. It must not be applied for purposes other than those for which it has been formulated. For detailed guidance on safe handling and use, refer to the Safety Data Sheet (SDS).



USED OILS

Used lubricants must be collected at designated collection points to prevent environmental contamination. They must not be mixed with solvents, brake fluids, or antifreeze.

