



Finnexx Aelonyx Oils

Air Tool Oil

PRODUCT DESCRIPTION

High performance lubricant for percussion-type air tools, which is formulated from highly refined mineral oils, EP, oiliness and tackiness additives, emulsifiers, rust and corrosion inhibitors, and anti-foam and anti-fogging agents

CUSTOMER BENEFITS

- **Maximum working life of equipment**

Special EP and high film strength oiliness additives withstand shock loads under boundary lubrication conditions and protect components against wear.

- **Protects surfaces in wet conditions**

Superior emulsification properties 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 protects critical components in wet air or “wet drilling” operation.

- **Trouble-free operation**

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

APPLICATIONS

- Percussion-type air tools operating under wet or dry conditions, including:
 - Rock drills
 - Concrete/pavement breakers (jackhammers)
 - Tampers
 - Rammers
 - Riveting and chipping hammers, etc.
 - Centralized lubricators of larger crawler-mounted drill rigs
 - Ambient temperature guidelines for adequate atomization of air-line lubricators:
 - Finnexx Air Tool 100: 5°C to 25°C
 - Finnexx Air Tool 150: Above 25°C
 - Finnexx Air Tool 320: At extreme ambients



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TYPICAL TEST DATA

Characteristic	Test methods	VG100	VG150	VG320
Appearance	Visual	Bright & clear	Bright & clear	Bright & clear
Tackiness	Visual	Tacky	Tacky	Tacky
Kinematic viscosity at 40°C, mm ² /s	ASTM D445	100	150	320
Kinematic viscosity at 100°C, mm ² /s	ASTM D445	11.5	14.9	24
VI	ASTM D2270	107	104	97
Pour Point, °C	ASTM D97	-27	-21	-12
Flash Point, COC, °C	ASTM D92	206	206	218
Copper corrosion, 3hrs@ 100°C	ASTM D130	1B	1B	1B

Values are typical of production but will be subject to variation.

Health & Safety Note – Always maintain good levels of personal hygiene when handling mineral oils. Wear protective clothing/gloves. Wash hands and skin areas where contact has occurred and avoid ingestion. See applicable Material Safety data Sheet for further information.