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Product Information

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UNIVERSAL AIR TOOL OIL

Product Description

Universal Air Tool Oils are specialty lubricants formulated to meet the severe demands of pneumatic percussion tools such as rock drills. Special additives provide the capability for these oils to provide effective air cylinder lubrication even with wet air conditions.

Applications

Universal Air Tool Oil can be used in all air operated tools, such as jackhammers, and drifters. The four ISO Grades can be used in these temperature ranges:

<u>ISO Grade</u>	<u>Temperature Range</u>
5, 22, 32	0 to 70° F
68 & 100	40 to 90° F

Benefits

Universal Air Tool Oils meet all of the following specifications:

- Ingersoll-Rand
- Sullivan
- Gardner Denver

Specifications

Typical Property	Test Method	Typical Results				
		5	22	32	68	100
ISO Viscosity Grade						
Viscosity -cSt @ 40°C	ASTM D445	4.0	23.1	28.9	67	96
@ 100°C	ASTM D445	--	4.5	4.8	8.1	9.8
Viscosity Index	ASTM D2270	94	94	94	94	94
Flash Point, COC F	ASTM D92	--	399°	415°	445°	455°
Pour Point, F	ASTM D97	5°	5°	10°	10°	10°
Foam Test	ASTM D-892	Pass	Pass	Pass	Pass	Pass
Rust Test	ASTM D-665B	Pass	Pass	Pass	Pass	Pass
Copper Strip	ASTM D-130	Pass	Pass	Pass	Pass	Pass
Thermal Stability	Cin. Machine	Pass	Pass	Pass	Pass	Pass

UO Item Number	16-21-65	16-21-24	16-21-03	16-21-04	16-21-05
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Refer to Universal Oil's Material Safety Data Sheet (MSDS) 16-21-03 for additional information.