

## Tech Bulletin

### Product Description

**Altra Rock Drill Oils** are specially designed for lubrication of all makes of pneumatic percussion tools - rock drills, jack-hammers, tampers, riveters, chippers and pavement breakers. **Altra Rock Drill Oils** are formulated with extreme pressure and rust-prevention properties. In addition, it has a high degree of emulsibility plus tackiness agents to prevent water from wetting metal surfaces or displacing the lubricant.

<b>Typical Characteristics</b>	<b>Property</b>	<b>ASTM</b>	<b>32</b>	<b>46</b>	<b>68</b>	<b>100</b>	<b>150</b>	<b>220</b>	<b>320</b>	<b>460</b>	<b>680</b>
	ISO Grade	-	32	46	68	100	150	220	320	460	680
	SAE Grade	-	10	20	20	30	40	50	-	-	-
	Kinematic Viscosity, cSt at 40°C	D-445	30.1	44.6	65.9	97.0	142	209	316	446	670
	cSt, at 100°C	D-445	5.2	6.6	8.5	11.2	14.5	18.8	24.8	31.0	40.6
	SUS/100°F	D-2161	142	208	306	450	658	968	1464	2066	3103
	SUS/210°F	D-2161	43.3	47.8	54.1	63.5	76.0	93.4	119.3	147	190.8
	Gravity, °API	D-287	31.9	31.9	31.8	31.6	31.6	31.4	31.3	31.0	30.7
	Viscosity Index	D-2270	100	100	100	100	100	100	100	100	100
	Flash, COC °F	D-92	410	430	455	490	505	530	530	580	585
	Pour, °F	D-97	-20	-20	-20	-10	-5	0	10	15	20
	Demulsibility, min to separation	D-1401	40	40	40	40	40	40	40	40	40
	Timken OK Load	D-2782	70	70	70	70	70	70	70	70	70
	Consistency	Visual	<-----Stringy----->								