

## Product Information



### *EP Rock Drill Oil*

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#### DESCRIPTION

**Xtreme™ EP Rock Drill Oils** are blended from premium base oils selected for their ability to minimize carbon deposits and fortified with extreme pressure additives, rust and oxidation inhibitors, smoke inhibiting additives and tackiness additives to cling to moving parts of pneumatic percussion tools.

**Xtreme™ EP Rock Drill Oils** are recommended for use in lubricating all types of pneumatic equipment such as jackhammers, pavement breakers, stoppers, drifters and down home drills in road construction , quarries and mining.

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#### APPLICATION

- Pneumatic percussion tools in quarries and road construction and other rock drilling or breaking applications
- Pneumatic tools in a wide variety of applications where EP properties and tack additives are recommended

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#### BENEFITS

- Protection of metal surfaces against shock loading and boundary lubrication
- Inhibits rust, corrosion and foaming
- Reduced heat in pneumatic tools
- Contains ashless anti-wear additives for maximum protection to moving parts under extreme pressure
- Low fogging tendencies
- Environmentally friendly ashless formulation .

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#### PERFORMANCE LEVELS

- Ingersoll-Rand
- Gardner-Denver
- Joy / Sullivan
- Atlas Copco (Chicago Pneumatic)



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## Product Information

<b>RECOMMENDED TEMPERATURE</b>	<b>32</b>	<b>46</b>	<b>68</b>	<b>100</b>	<b>150</b>
Operating Range, °F, (°C)	-35 to 40 (-37 to 4)	-20 to 40 (-7 to 4)	0 to 50 (18 to 10)	40 to 80 (4 to 27)	75 to 100 (24 to 38)
	<b>220</b>	<b>320</b>	<b>460</b>	<b>680</b>	<b>1000</b>
Operating Range, °F, (°C)	>75 (>24)	>75 (>24)	>75 (>24)	>80 (>27)	>80 (>27)

<b>TYPICAL PROPERTIES</b>	<b>Method</b>	<b>32</b>	<b>46</b>	<b>68</b>	<b>100</b>	<b>150</b>
Specific Gravity at 15.6°C	D-1298	0.8579	0.8666	0.8747	0.8786	0.8766
Viscosity, cSt at 40°C	D-445	32.1	47.2	71.9	104.3	145.7
Viscosity, cSt at 100°C	D-445	5.7	7.2	9.0	11.8	15.5
Flash Point, COC, °C	D-92	162	184	174	200	204
Pour Point, °C	D-97	-38	-34	-35	-21	-18
4-Ball EP Weld Load, kgf	D-2783	250	250	250	250	250
ML Identification No.		590936	574147	574055	573440	574063

<b>TYPICAL PROPERTIES</b>	<b>Method</b>	<b>220</b>	<b>320</b>	<b>460</b>	<b>680</b>	<b>1000</b>
Specific Gravity at 15.6°C	D-1298	0.8872	0.8925	0.9242	0.9194	0.9176
Viscosity, cSt at 40°C	D-445	217.1	313.6	422.8	670.4	925.3
Viscosity, cSt at 100°C	D-445	19.6	24.6	34.2	42.5	
Flash Point, COC, °C	D-92	222	231	246	252	240
Pour Point, °C	D-97	-15	-12	-10	-10	-11
4-Ball EP Weld Load, kgf	D-2783	250	250	250	250	250
ML Identification No.		582354	573466	592157	592149	582856

The information on this Product Data Sheet is believed to be accurate and is typical of current production. Specifications are subject to change without notice.

**Health And Safety Information** See separate Safety Data Sheets available on request.

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