

# Super S<sup>®</sup> Rock Drill Oil

## TECHNICAL PRODUCT INFORMATION



### **Super S Rock Drill Oil**

**Super S Rock Drill Oils** are premium lubricants formulated for pneumatic construction and mining equipment under both wet and dry conditions. They contain rust and oxidation inhibitors, EP additives and tackifier agent.

### **FEATURES/ BENEFITS**

- Developed for lubricating industrial pneumatic and mining equipment operating in both wet and dry environments
- Available in viscosity grades from ISO VG 46 to ISO VG 460
- Excellent oxidation resistance and thermal stability
- Provides EP (extreme pressure) and anti-wear performance
- Rust and corrosion protection
- Fast emulsifiers to minimize failures due to water contamination
- Excellent performance in high load and/or extreme temperature operations

### **APPLICATIONS**

**Super S Rock Drill Oils** are recommended for use in:

- Pneumatic tools: Rock Drills, jackhammers, tampers, asphalt breakers , drifters
- Bearings in wet operating environments
- Chain drives
- Gear sets with spur, bevel, spur bevel, spiral bevel or herringbone gears

### **RECOMMENDATIONS/SPECIFICATIONS**

*Ingersoll-Rand Rock Drill Oil Specification: Light, Medium and Heavy*

### **SPECIAL HANDLING, NOTICES OR WARNINGS**

Use the same care and handling as for any petroleum product.

**TYPICAL CHARACTERISTICS**

Super S® Rock Drill Oil							
Property	Test Method ASTM -D	ISO Viscosity Grade					
		46	68	100	150	220	320
Gravity	1298	23.3	23.8	26.1	26.0	27.1	27.1
Flash Point, COC °C/°F	92	193/380	193/380	204/400	204/400	216/420	216/420
Pour Point, °C/°F	97	-12/10	-12/10	-12/10	-12/10	-9/15	-9/15
Color (max value)	1500	3.0	3.0	3.5	3.5	3.5	3.5
Viscosity	445						
cSt @ 40 °C		46	68	100	150	220	320
cSt @ 100 °C		6.6	8.8	11.0	13.1	14.4	23.8
Timken OK Load lb	2509	60+	60+	60+	60+	60+	60+
Steam Emulsion Number		1200	1200	1200	1200	1200	1200
Viscosity Index		95-100	95-100	95-100	95-100	95-100	95-100

Typical test data are average values only.

**PRODUCT NUMBERS**

**ISO 46**

SUS 308Bulk     Bulk

**ISO 68**

SUS 190            55 gallon drum

SUS 190Bulk     Bulk

**ISO 100**

SUS 309            5 gallon pail

SUS 310            55 gallon drum

SUS 31011        Bulk