

Rock Drill



Product Description

D-A **Rock Drill Oil** is specially designed for use in extreme working conditions with percussive pneumatic tools, down-the-hole (DTH), and surface drilling equipment. This lubricant begins with naturally high viscosity index base oils for temperature shear stability and is formulated with our advanced **ChemGuard™** additive technology.

The D-A **ChemGuard™** innovative formula has a vigorous EP/anti-wear inhibitor that reduces welding or scoring when under constant shock and high load situations. It protects against rust and corrosion and also has a built-in emulsifier for severe circumstances where water and compressed air co-exist. A robust tackifier is added for the preferred adhesiveness that protects against undesired misting or when water spray is present and sustains its strength where superior lubricity is expected.

D-A **Rock Drill Oil** may also be utilized in Mining and Tunneling, Jack-Hammers, Paving Breakers, Chippers, Tampers, Scalers, Impacters, Roofbolters, Screamer Pumps and Water Injection Plunger Pumps.

Product Features and Benefits

- Excellent temperature and shear stability
- Robust tackifier, adheres to metals for decreased galling, shanking or burning of parts
- Exceptional emulsifying agent for enhanced lubricity
- Utilizes **ChemGuard™** EP/anti-wear additive package to help reduce wear

Typical Applications

Air Line lubrication for all Rock Drills. (Also makes an excellent airline oil for pneumatic tools such as Paving Breakers, Hammers, Chippers, Tampers, Scalers, Impacters, etc.) Rock Drill is also an excellent bar oil for chain saws.

General Remarks:

In extremely cold weather, consult the manufacturer's operating or service manual.

Typical Properties

ISO Viscosity Grade	Test Method	46	100	150	220	320
Viscosity @ 100°C, cSt	ASTM D445	7.0	10.8	16.0	18.7	25.5
@ 40°C, cSt	ASTM D445	48	107	164	215	328
Viscosity Index	ASTM D2270	95	95	95	97	95
Pour Point, °F (°C)	ASTM D97	-25 (-32)	-15 (-26)	0 (-18)	1 (-17)	1 (-17)
Flash Point, °F (°C)	ASTM D92	380 (193)	430 (221)	445 (229)	450 (232)	455 (235)
API Gravity	ASTM D4052	30	28	25	23	22
Copper Strip Corrosion	ASTM D130	Neg	Neg	Neg	Neg	Neg
Foam Test	ASTM D892	Pass	Pass	Pass	Pass	Pass
Falex Pin & Vee Block Max load in lbs	ASTM D3233	4,500	4,500	4,500	4,500	4,500

D-A Part Number:

Bulk	14511	14531	14541	14551	14561
Tote – 330 Gal	N/A	N/A	N/A	14553	14563
Pail (Plastic) – 5 Gal	14518	14538	14548	14538	14568