

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/antiwear 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
Vigorous ChemGuard™ EP/antiwear additive package

PRODUCT AT A GLANCE

- Use with percussive pneumatic tools, DTH and surface drilling
- Vigorous EP/anti-wear properties
- Naturally high VI base oils
- Robust tackifier



D-A Lubricant Company, Inc.

801 Edwards Drive, Lebanon, IN 46052 • TEL: 317.923.5321 • FAX: 765.482.3065 • EMAIL: dalube@dalube.com

www.dalube.com



Typical Applications

Air Line lubrication for all Rock Drills. (Also makes an excellent air line 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 Grade	ASTM D422	46	100	150	220	320	460	680
SAE Grade	J-300	10	30	40	N/A	N/A	N/A	N/A
Viscosity @ 40°C,cSt	ASTM D445	48	107	164	215	328	470	696
Viscosity @ 100°C,cSt	ASTM D445	7.0	10.8	16.0	18.7	25.5	31.3	39.5
Viscosity Index (Min.)	ASTM D2270	95	95	95	97	95	97	95
A.P.I Gravity	ASTM D287	29-31	27-28	24-26	22-24	21-23	19-21	18-20
Pour Point, Max. °F	ASTM D97	-25	-15	0	+1	+1	+5	+7
Pour Point, Max. °C	ASTM D97	-32	-26	-18	-17	-17	-15	-14
Flash Point, Min. °F	ASTM D92	380	430	445	450	455	480	>500
Flash Point, Min. °C	ASTM D92	193	221	229	232	235	249	>260
Corrosion Tests								
3 hrs @ 300°F, Copper Strip	ASTM D130	Negative	Negative	Negative	Negative	Negative	Negative	Negative
24 hrs @ 200°F, Steel Strip								
Grams Lost	ASTM D130	No Loss	No Loss	No Loss	No Loss	No Loss	No Loss	No Loss
Foam Test (MI. Max)	ASTM D892	10-0	10-0	10-0	10-0	10-0	10-0	10-0
Gardner-Denver Ground Bearing Test,								
Satisfactory @ lb/sq. in.		300,000	300,000	300,000	300,000	300,000	300,000	300,000
Steam Emulsion No.		1200+	1200+	1200+	1200+	1200+	1200+	1200+
Almen E.P. Test (lb/sq. in. min.)		15,000	15,000	15,000	15,000	15,000	15,000	15,000
4-Ball Wear, Scar Dia, mm	ASTM4172	0.48	0.48	0.48	0.48	0.48	0.48	0.48
4-Ball Weld Load								
at 500 kg	ASTM D2783	500	500	500	500	500	500	500
Falex Pin & Vee Block								
Max load in lbs	ASTM D3233 A	4,500	4,500	4,500	4,500	4,500	4,500	4,500
D-A Part No.								
	Drum	14512	14532	14542	14552	14562	14572	14582
	Pail	14518	14538	14548	14558	14568	14578	N/A



To Order D-A Products, Call 1-800-OIL-LUBE (1-800-645-5823) or Fax orders to 765-482-3065

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