

PRODUCT INFORMATION

ECOSE[®] ROCK DRILL OILS

ECOSE[®] Rock Drill oils are formulated with high-quality base oil and a premium additive system designed to provide superior performance in air-powered equipment. They are formulated to give maximum protection from component wear in severe service conditions.

FEATURES AND BENEFITS:

ECOSE[®] Rock Drill Oils provide a highly tenacious film of lubrication on cylinder walls and other critical components. They are formulated to provide excellent lubricity and anti-wear properties that offer maximum protection to all makes of pneumatic percussion tools-rock drills, jack-hammers, tampers, riveters, shippers and pavement breakers.

Additionally, **ECOSE[®] Rock Drill Oils** offer the following benefits:

- Excellent rust and corrosion protection under severe water wash conditions
- Extreme pressure additives guard against wear during wet operating conditions
- Good low temperature flow provides protection in cold weather environment
- Non-hazardous and non-toxic
- No disagreeable odor, making it ideal for underground operations

ECOSE[®] Rock Drill Oils are primarily designed as rock drill and pneumatic tool lubricants. They are recommended for and meet the general requirements of major manufacturers of rock drills and associated equipment such as jack-hammers, quarry drills, spike drivers, concrete vibrators and other types of pneumatic percussion equipment manufactured by Gardner-Denver, Ingersoll Rand, Chicago Pneumatic, and Worthington.

Typical Properties

ISO Viscosity Grade		46	100	150	*180	220	320
Product Code	Test Method	536532	536533	536534	536538	536535	536536
Gravity, °API	ASTM D-287	31.5	30.0	29.1	28.6	28.2	27.5
Kinematic Viscosity cSt @ 40°C	ASTM D-445	46.0	99.0	142	180	209	318
Kinematic Viscosity cSt @ 100°C	ASTM D-445	7.4	11.4	14.5	17.2	19.0	24.8
Viscosity Index	ASTM D-2270	129	104	98	102	98	98
Pour Point, °F	ASTM D-97	-20	-10	-5	-5	0	10
Flash Point, COC °F	ASTM D-92	410	450	460	460	530	530
Timken OK Load	ASTM D-2782	60	65	65	70	70	70
Approximate Operating Temp Range °F							
Consistency	Visual	Tacky	Tacky	Tacky	Tacky	Tacky	Tacky

Note: Values shown are typical only and do not constitute a specification. Minor variations in product are to be expected in normal manufacturing. Always confirm with the original manufacturer’s recommendation for proper equipment operating requirements.

*180 is not recognized as an ISO viscosity grade

AVAILABILITY:

ECOSE[®] Rock Drill Oils are available throughout Nu-Tier Brand’s marketing area. Your Nu-Tier representative can provide specific information. Need additional information? Call Nu-Tier Brands @ 1-877-771-LUBE (5823) or visit nu-tierbrands.com.