

PRODUCT INFORMATION

# ECOSE<sup>®</sup> ROCK DRILL OIL

ECOSE<sup>®</sup> Rock Drill Oils are formulated with premium base oils and a robust additive system designed to provide superior performance in air-powered equipment. They are formulated to give maximum protection from wear in severe service conditions.

**FEATURES AND BENEFITS:**

ECOSE<sup>®</sup> 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 tools; rock drills, jack-hammers, tampers, riveters, chippers and pavement breakers.

Additionally, ECOSE<sup>®</sup> Rock Drill Oils offer the following benefits:

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

ECOSE<sup>®</sup> 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		32	46	100	150	*180	220	320
Product Code	<b>Test Method</b>	536530	536532	536533	536534	536538	536535	536536
Gravity, °API	ASTM D-287	32.4	31.5	30.0	29.1	28.6	28.2	27.5
Kinematic Viscosity cSt @ 40°C	ASTM D-445	32.0	46.0	100	150	180	215	318
Kinematic Viscosity cSt @ 100°C	ASTM D-445	5.6	7.0	11.8	15.3	17.2	19.0	24.8
Viscosity Index	ASTM D-2270	113	109	107	103	100	98	97
Pour Point, °F	ASTM D-97	-25	-20	-10	-5	-5	0	10
Flash Point, COC °F	ASTM D-92	365	420	430	445	460	475	480
Timken OK Load	ASTM D-2782	70	70	70	70	70	70	70
Consistency	Visual	Tacky	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<sup>®</sup> 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](http://nu-tierbrands.com).