



Product Bulletin

GULF ROCK DRILL OILS

Gulf 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:

Gulf 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, **Gulf 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

Gulf 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	336532	336533	336534	336538	336535	336536
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	100	150	180	212	318
Kinematic Viscosity cSt @ 100°C	ASTM D-445	7.0	11.8	15.3	17.2	19.0	24.8
Viscosity Index	ASTM D-2270	109	107	103	102	100	100
Pour Point, °F	ASTM D-97	-20	-10	-5	-5	0	10
Flash Point, COC °F	ASTM D-92	420	430	445	460	475	480
Timken OK Load	ASTM D-2782	70	70	70	70	70	70
Approximate Operating Temp Range °F		-20 to 40	40 to 80	40 to 80	40 to 90	Above 80	Above 80
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:

Gulf Rock Drill Oils are available throughout Gulf's marketing area. Your Gulf representative can provide specific information. Need additional information? Call Gulf @ 1-800-566-GULF (4853) or visit Nu-tierbrands.com