

ChevronTexaco Aries® 46

Category : Fluid , Lubricant

Material Notes:

Texaco Aries lubricants deliver value through: Long equipment life – Extreme pressure performance withstands heavy shock loads typical of rock drill service, protecting the equipment against rapid wear. Reliability in wet conditions – Provides a tenacious film that clings to lubricated parts. Resists being washed away by trace water in the compressed air. Protection in wet environments – Antirust performance protects critical parts from the corrosive action of wet environments. Lower inventory cost – A multipurpose lubricant that can be used for general purpose lubrication of gears, air tools, in hand oiling and for chain drives - reducing the number of lubricants in inventory. Warranty protection – Meet manufacturer specifications (Ingersoll-Rand and Sullivan specifications for light, medium and heavy rock drill oils). Provides assurance of meeting OEM warranty and service requirements. Texaco Aries lubricants are designed to give maximum protection to percussion rock drills. They are formulated from highly refined, high viscosity index, paraffinic base stocks and additives, which provide all of the performance characteristics expected of a superior rock drill oil. Texaco Aries lubricants are formulated to meet the critical lubrication demands of percussion rock drills. Their superior extreme pressure performance provides protection for the rock drill piston, rifle bar and nut against the heavy shock loads typical of rock drill service. The adhesiveness and emulsification tendency of these oils provide a tenacious lubricant film on the rock drill moving parts which will not be washed off by incidental water that is common in the compressed air which drives the piston in this application. These oils also provide excellent rust and corrosion protection, which is important in light of the corrosive environments in which many rock drills are used. Texaco Aries lubricants contain no chlorinated additives and are completely ashless, minimizing environmental and disposal considerations. Additionally, since rock drills are frequently used in mining environments where ventilation is limited, the low odor and toxicity of these lubricants are added benefits. Texaco Aries lubricants have proven excellent in all air-operated tools, such as jackhammers, drifters, etc. The additive package provides many performance characteristics, which lend themselves well to the lubrication of enclosed gears, and all types of industrial plain and anti-friction bearings. Their tacky quality makes them suitable for once-through applications; e.g. lubrication of chain drives. They meet the performance requirements of many rock drill manufacturers, such as Ingersoll-Rand, Gardner-Denver, Sullivan, etc. Texaco Aries 46, 100, 150, 220 and 320 meet all of the specifications of Ingersoll-Rand and Sullivan for light, medium and heavy rock drill oils. Typical test data are average values only. Minor variations which do not affect product performance are to be expected in normal manufacturing. CPS Number: 221541; MSDS Number: 8825

Order this product through the following link:

http://www.lookpolymers.com/polymer_ChevronTexaco-Aries-46.php

Physical Properties	Metric	English	Comments
API Gravity	32.2 °	32.2 °	
Viscosity Measurement	98	98	Viscosity Index
Saybolt Viscosity at 100°F	226 SUS	226 SUS	
Saybolt Viscosity at 210°F	48 SUS	48 SUS	
Kinematic Viscosity at 40°C (104°F)	43.7 cSt	43.7 cSt	
Kinematic Viscosity at 100°C (212°F)	6.5 cSt	6.5 cSt	

Mechanical Properties	Metric	English	Comments
Falex Load Test	1.59e+6 g	3500 lb	EP Fail

Thermal Properties	Metric	English	Comments
Pour Point	-24.0 °C	-11.2 °F	
Flash Point	210 °C	410 °F	

Descriptive Properties	Value	Comments
Aniline Point, °C	55	
Steam Emulsion Number, minimum	1200	

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