

Chevron Rock Drill Oils Vistac®

ISO 32, 46, 100, 150, 320

Customer Benefits

Chevron Rock Drill Oils Vistac 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 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 — Meets manufacturer specifications (Ingersoll-Rand and Sullivan specifications for light, medium and heavy rock drill oils). Provides assurance of meeting OEM warranty and service requirements.

Features

Chevron Rock Drill Oils Vistac 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. As indicated by part of the name, *Vistac*, the additives provide an unusual adhesive or tacky quality.

Chevron Rock Drill Oils Vistac 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's 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.

The oils also provide excellent rust and corrosion protection, which is important in light of the corrosive environments in which many rock drills are used.

Chevron Rock Drill Oils Vistac 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.

Applications

Chevron Rock Drill Oils Vistac have proven excellence in all air-operated tools, such as jackhammers, drifters, etc.

The wide viscosity range of this product line makes them suitable for use under many different climatic conditions.

Chevron Rock Drill Oil Vistac ISO 32 is primarily recommended for cold temperature environments where an ISO 46 grade will not suffice.

The additive package of these oils 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 these oils 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.

Chevron Rock Drill Oils Vistac ISO 46, 100, 150, and 320 meet all of the specifications of **Ingersoll-Rand** and **Sullivan** for light, medium, and heavy rock drill oils.

Typical Test Data

ISO Grade	32	46	100	150	320
<i>CPS Number</i>	232342	232496	232498	232499	232497
<i>MSDS Number</i>	6752	6752	6752	6752	6752
API Gravity	23.2	32.2	31.5	29.8	26.7
Viscosity, Kinematic					
cSt at 40°C	30.4	43.7	95	143	304
cSt at 100°C	4.6	6.5	10.9	14.4	23.5
Viscosity, Saybolt					
SUS at 100°F	158	226	495	750	1616
SUS at 210°F	42	48	64	77	117
Viscosity Index	40	98	98	99	97
Flash Point, °C(°F)	190(374)	210(410)	230(446)	260(500)	260(500)
Pour Point, °C(°F)	-42(-44)	-24(-11)	-24(-11)	-24(-11)	-18(0)
Timken OK Load, lb	55	55	55	55	55
Falex EP Fail Load, lb	3500	3500	3500	3500	3500
Steam Emulsion Number	>1200	>1200	>1200	>1200	>1200

Typical test data are average values only. Minor variations which do not affect product performance are to be expected in normal manufacturing.