Mobil

Mobil Almo 500 Series

Pneumatic Rock Drill and Tool Lubricants

Product Description

Mobil Almo 500 Series lubricants are premium quality high performance products primarily intended for the lubrication c operations. The Mobil Almo Series oils are formulated from high quality base stocks and additives, which provide excelle offer an optimum balance of adhesiveness, yet are emulsifiable enough to pick up moisture carried in the air stream redu form gummy deposits that could cause sluggish valve action. Even in the presence of water, the Mobil Almo 500 Series oi continuous oil films. These properties in combination with high EP characteristics help provide excellent lubrication resul

Mobil Almo 500 Series possess high viscosity indexes and low pour points to ensure good lubrication at the low temperat providing adequate films on drill parts that may operate at high temperatures. Oil fog generation levels are extremely lo

Features and Benefits

The Mobil Almo 500 Series oils provide an optimum performance balance which assures long equipment life and minima ability to provide adequate lubrication in the presence of water not only reduces wear but protects against rust and corr reducing the need for frequent maintenance.

Features	Advantages and Potential Benefits
	Reduce sludge and deposit formation
Effective Chemical Stability	Improves valve operation
Desired Emulsifiable Properties	Effective lubrication in presence of water
High Viscosity Index	Provides good lubrication at both high and low temperatures
Excellent Load Carrying Ability and Anti-Wear Protection	Reduces component wear Prolongs equipment life Reduces maintenance costs Protects metal surfaces from corrosion
Very Good Adhesive Characteristics	Provides good lubricant films under all conditions Longer tool life
Rust and Corrosion	Increased tool performance

Applications

Mobil Almo 500 Series oils are recommended for use in all pneumatically operated rock drills in both underground and su
They are suitable for percussive- and rotary- type tools. The viscosity grades allow selection for year-round use where sea

- Pneumatically operated rock drills in underground and surface mining operations
- Pneumatically operated drills and jack hammers in highway construction and building operations
- Rock drills in quarry operations
- Percussion and rotary air-operated tools in industrial applications

Typical Properties

	Mobil Almo 524	Mobil Almo 525
ISO Viscosity Grade	32	46
Viscosity, ASTM D 445		
cSt @ 40ºC	32	46
cSt @ 100ºC	5.5	7.3
Viscosity Index, ASTM D 2270	108	105
Pour Point, ºC, ASTM D 97	-51	-30
Flash Point, ºC, ASTM D 92, min	170	188
Density @ 15.6ºC, ASTM D 4052, kg/L	0.88	0.883

Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the inte
Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contract office, or via the I
intended use. If disposing of used product, take care to protect the environment.

Switzerland Use: Toxicity class: free BAG T No.: 611500

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Typical Properties are typical of those obtained with normal production tolerance and do not constitute a spe
to be expected during normal manufacture and at different blending locations. The information contained he
available locally. For more information, contact your local ExxonMobil contact or visit www.exxonmobil.com
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of pneumatically operated rock drills in underground and surface mining
nt chemical stability and good protection against wear and corrosion. They
ucing the negative effects of water on wear and corrosion. They do not
ils have good preferential metal-wetting properties that maintain
ting in long equipment life.

tures resulting from air expansion and guard against icing stoppages while
w.

l maintenance costs. Their excellent wear protection characteristics and
osion. Their good chemical stability prevents sludge and deposit formation

urface mining as well as in contractor and other industrial applications.
asonal ambient temperature variations are extreme.

Mobil Almo 527	Mobil Almo 529	Mobil Almo 530	Mobil Almo 532
		220	320
112.9	172	220	320
11.4	16.5	19.7	24.9
91	102	100	99
-27	-24	-24	-21
204	220	220	232
0.899	0.893	0.898	0.902

ended application and the recommendations provided in the Material
nternet. This product should not be used for purposes other than its

ecification. Variations that do not affect product performance are
erein is subject to change without notice. All products may not be

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