Energol RD-E

Rock Drill Oil

Description; Description

Energol RD-E 46 contains load carrying and "tackiness" additives to give excellent lubricating properties and provide a tenacious coating to protect against corrosion.

In addition, it incorporates agents that give good emulsifying properties.
The load-carrying additive is a blend of sulphurized and other fatty oils.

Applications; Applications

Energol RD-E 46 is formulated to lubricate pneumatically powered rock drilling machines.

It satisfies the requirements of the major manufacturers who specify good emulsification properties for rock-drill lubricants.

Main Benefits; Main Benefits

It satisfies the requirements of the major manufactureres of pneumatically powered rock-drilling machines.

-covers all pneumatic rock-drill applications where the condensation of water requires an emulsifying oil.
-may be used in application where emulsification is not required

Storage; Storage

All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and the obliteration
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of drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.; of drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

Health, Safety and Environment; Health, Safety and Environment

Health, safety and environmental information is provided for this product in the Materials Safety Data Sheet. This gives details of potential hazards, precautions and First Aid measures, together with environmental effects and disposal of used products.; Health, safety and environmental information is provided for this product in the Materials Safety Data Sheet. This gives details of potential hazards, precautions and First Aid measures, together with environmental effects and

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disposal of used products.

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Typical Characteristics; Typical Characteristics

	Test Methods; Test Methods	Units; Units	Grade :; Grade :
			46
Density at 15 °C	ISO 3675,ASTM D1298	kg/m³	893
Flash Point (COC)	ISO 2592, ASTM D92	°C	208
Kinematic Viscosity at:			
40 °C	ISO 3105	mm²/s	46
100 °C	ASTM D445	mm²/s	7.6
Viscosity Index	ISO 2909,ASTM D97		130
Pour Point	ISO 3016,ASTM D97	°C	-24
Colour	ASTM D1500		<6.5
Neutralisation value	ASTM D 664	mgKOH/g	0.68
Demulsification number	IP 19	s	>1200
Conradson carbon residue	ASTM D189	%wt	0.14

The above figures are typical of those obtained with normal production tolerance and do not constitute a specification.

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Date Created: 09/08/1993 13:33:19 Last Modified: 04/10/2005