



## Energol RD-E

Rock Drill Oils

## Product Data

### Description

**BP Energol RD-E** oils are formulated to lubricate pneumatically powered rock drilling machines, as well as the rotation gears of hydraulically powered machines. Available in ISO viscosity grades 100, 150 and 320.

The **BP Energol RD-E** range contains load carrying and tackiness additives to give excellent lubricating properties and provide a tenacious coating to protect against corrosion. In addition, they possess good emulsifying properties.

### Applications

The **BP Energol RD-E** range satisfy the requirements of the major manufacturers of pneumatically powered rock drilling machines, including all pneumatic rock-drill applications where the condensation of water required an emulsifying oil, however they may be used in applications where emulsification is not required.

They are suitable for use on hydraulically powered machines to provide a tenacious lubricating, anti-corrosion film on the rotation gears. Applications include tunnelling, bolting, deep hole drilling, drill and blast, hand held air-leg and multi-boom "jumbos".

**Caution: There are certain known cases where combustion of lubricant has occurred in the air chamber of some types of percussive air tools. BP strongly recommends that users strictly follow the lubrication recommendations and guidelines provided by air tool manufacturers. If work is being conducted in areas where sources of ignition create a high level of risk (e.g. underground coal mining), it is recommended that full risk assessments be conducted to ensure appropriate tools and procedures are selected.**

### Benefits

- Excellent adhesion to metals
- Good load carrying ability
- Provide essential anti-rust performance
- Good emulsifying properties
- Wide applications as emulsion or neat oil
- Will provide protection to rotating gears on hydraulically powered machines

### 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 of drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

Energol RDE\_120020\_200912 replaces previous

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## Health & Safety Recommendations

Health, safety and environmental information is provided for this product in the Materials Safety Data Sheet, which can be obtained by contacting the BP Lubricants and Fuels Technical Helpline on 1300 139 700, BP Australia or its subsidiaries. This gives details of potential hazards, precautions and First Aid measures, together with environmental effects and disposal of used products. BP Australia will not accept liability if the product is used other than in the manner or with the precautions or for the purpose/s specified. Before the product is used other than as directed, advice should be obtained from the local BP office or BP Lubricants and Fuels Technical Helpline 1300 139 700.

## Typical characteristics

	Test Method	Unit	Energol RD-E 100	Energol RD-E 150	Energol RD-E 320
Density @ 15°C	ASTM D1298	Kg/L	0.893	0.989	0.905
Flash Point (PMC)	ASTM D93	°C	162	162	164

These characteristics are typical and do not constitute a specification.

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