

HIGHTEC SUNLUB® RD 40

Rock Drill oil for the lubrication of air-powered tools.

Description

HIGHTEC SUNLUB® RD 40 is an adhesive, Rock Drill lubricant especially developed for the lubrication of air-powered tools such as rock drills, jackhammers and pavement breakers. The emulsion properties and the excellent metal surface adhesion guarantee a maintained lubricant film in the presence of moisture. HIGHTEC SUNLUB® RD 40 is particularly suited for drilling in environmentally sensitive areas where groundwater protection is important. The ashless and chlorine-free technology reduces the environmental impact in case of leaks.

Application

HIGHTEC SUNLUB® RD 40 was developed for pneumatic percussion tools such as jackhammers, pavement breakers and rock drills. HIGHTEC SUNLUB® RD 40 can also be used for mining equipment such as demolition- and chipping hammers. HIGHTEC SUNLUB® RD 40 is ideal wherever high load-carrying capacity under heavy or shock-load conditions for rock drill application is required.

Equivalent quality in accordance with EU-law as per

- ISO 6743-11 (PAC)

Advantages

- High protection level for the system and components
- Multi-grade character
- Excellent filterability in the presence of water
- Low odor
- Very good foam resistance
- Ashless and chlorine-free
- Good adhesion to metal surfaces in the presence of moisture
- Excellent emulsion properties
- Based on renewable raw materials
- Biodegradable OECD 301B > 60%



Typical characteristics

Property	Method	Unit	Value
Density at 15 °C	ASTM D-7042	g/ml	0.89
Kinematic viscosity KV 100	ASTM D-7042	mm ² /s	11
Kinematic viscosity KV 40	ASTM D-7042	mm ² /s	57
Viscosity index	ASTM D2270	-	190
Pour point	ASTM D-97 / DIN EN ISO 3016	°C	-36°C
Foaming behaviour at 24°C	ASTM D 892	ml/ml	0/0
Foaming behaviour at 93.5°C	ASTM D 892	ml/ml	20/0
Foaming behaviour at 24°C to 93.5°C	ASTM D 892	ml/ml	0/0
Biodegradability	OECD 301 B	%	>60
Renewable Resource Content		%	>70
Timken test (O.K. load)	DIN 51 434/3	N	70

These characteristics are typical for current production. The data does not constitute an assurance of properties or a guarantee of suitability for a specific application. Existing legal provisions and regulations that affect handling and usage of the products must be observed by the recipient of our products. ROWE products are continuously being developed. For this reason, ROWE retains the right to change all technical data in this product information at any time without prior announcement. Our current General Delivery and Payment Conditions apply (www.rowe-oil.com).

