

## **LEETLINE ROCKDRILL OILS**

### **ROCKDRILL 100/150/220/320/460**

#### **DESCRIPTION**

FLEETLINE ROCKDRILL OILS is a range of premium quality virgin base oils. They contain extreme pressure additives and are suitable for all types of rockdrills. The additives used in the formulation give good wear protection coupled with excellent corrosion resistance.

#### **OUTSTANDING FEATURES**

- Good wear protection
- Excellent corrosion protection
- Resistance to water washout

#### **DIRECTION FOR USE**

FLEETLINE ROCKDRILL OILS may be used on any type of pneumatic rockdrills. They give good wear protection to the components and provide excellent anti-corrosion properties.

#### **TECHNICAL DATA**

ISO grade	100	150	220	320	460
Viscosity @ 40°C	100	150	220	320	460
Flash point °C	230	240	240	250	265

**1. PRODUCT AND COMPANY IDENTIFICATION**

Trade Name	FLEETLINE AUTOMATIC GEAR OIL
<del>Manufacturer/Supplier</del>	<del>FLEETLINE</del>
	LUBRICANTS PO BOX
	9699
	Bloemfontein
	9300
Fax	051 433 4337
Mobile	082 800 4599
E-mail	bertus@fleetline.co.za
Website	www.fleetline.co.za

**2. COMPOSITION/INFORMATION ON THE COMPONENTS****Hazardous Components in Product**

Component Name	Codes	Concentration	R Phrases	Classification
SOLVENT REFINED MINERAL OIL		90.00 - 95.00		
PERFORMANCE AGENTS		5.00 - 10.00		

**3. HAZARD IDENTIFICATION**

Main Hazards	Not hazardous according to OSHA 29 CFR 1910.1200
Health Effects – Eyes	May cause irritation to the eyes.
Health Effects – Skin	No hazard providing normal cleansing is carried out.
Health Effects – Ingestion	No problems expected for minor ingestion. However, for amounts exceeding ½ litre give 1 or 2 glasses of water and call a doctor.
Health Effects – Inhalation	May cause irritation, dizziness or nausea if inhaled over a prolonged period, especially whilst hot.

**4. FIRST AID MEASURES**

First Aid – Eyes	Flush thoroughly with water. If irritation occurs, call a doctor.
First Aid – Skin	Wash skin with soap and water.
First Aid – Ingestion	Wash out mouth with water. Obtain medical attention. Do not induce vomiting.
First Aid – Inhalation	Remove from exposure and if the patient experiences irritation, nausea or unconsciousness, seek medical assistance.

## 5. FIRE FIGHTING MEASURES

Extinguishing Media	Use foam, dry chemical, carbon dioxide or water fog.
Unsuitable Extinguishing Media	Do not use water jet.
Special Hazards of Product	No special hazards.
Protective Equip, for Fire-Fighting	Wear self-contained breathing apparatus for fires in enclosed spaces.

## FLEETLINE

## MATERIAL SAFETY DATA SHEET ROCKDRILL OIL

## 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Material can create slippery conditions underfoot.
Environmental Precautions	Try to prevent the material from entering drains or watercourses.
Spillages	Contain and absorb using diatomaceous earth or other inert material. Transfer into suitable containers for disposal.

## 7. HANDLING AND STORAGE

Handling	No special precautions are required.
Storage	Storage temperature should be controlled to between 1 and 40 °C. Where outside storage of drums is unavoidable, they should be stored horizontally to avoid ingress of water.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Standards OIL MIST, CHEMICAL	UK EH40: OES 5mg/m <sup>3</sup> 8 h TWA. UK EH40: OES 10mg/m <sup>3</sup> 15 min TWA.
Engineering Control Measures	Exposure to this material may be controlled in a number of ways. The measures appropriate for a particular worksite depend on how the material is used and on the potential for exposure. Use of the basic principles of industrial Hygiene will enable this material to be used safely.
Respiratory Protection	Respiratory protection is not normally required.
Hand Protection	No special protection needed. However, good personal hygiene practices should always be followed.
Eye Protection	Chemical goggles if there is a risk of eye contact.
Body Protection	Normal work wear.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Colour	Amber
Odour	Faint
pH	N/A
Boiling Range/Point (°C)	Boils above 320°C
Flash Point (PMCC) (°C)	Exceeds 200 °C
Solubility in Water (kg/m <sup>3</sup> )	Insoluble
Density (kg/m <sup>3</sup> )	0.885 kg per litre
Auto-flammability (°C)	Above 350°C
Viscosity (cSt)	

**10. STABILITY AND REACTIVITY**

Stability	Stable under normal conditions
Conditions to Avoid	Strong oxidation
Materials to Avoid	Strong oxidizing agents
Hazardous Decomposition Products	Combustion will generate carbon monoxide and smoke, possibly thick and choking, resulting in zero visibility.

**11. TOXICOLOGICAL INFORMATION**

Acute Toxicity	Low order of acute toxicity.
----------------	------------------------------

**12. ECOLOGICAL INFORMATION**

Mobility	The product will leach into soil and will float on water.
Persistence/Degradability	The product is expected to biodegrade very slowly with time.

**13. DISPOSAL**

Product Disposal	Dispose of in accordance with all applicable local and national regulations.
Container Disposal	An approved drum recycler can recycle containers.

**14. TRANSPORT INFORMATION**

Un Class	Not classified
IMO Class	Not classified
IMDG Class	Not classified
IATA Class	Not classified

**15. REGULATORY INFORMATION**

Labelling information	Irritant
Government Inventory Status	Not established.
US Superfund Amendments	This product contains no "Extremely Hazardous Substances"

## **16. OTHER INFORMATION**

MSDS First Issued  
MSDS Data Revised  
Product Use

01 May 2001  
01 May 2001  
Rockdrill Oil.

To the best of our knowledge, the information contained herein is accurate. Although certain hazards may be described we cannot predict that these are the only hazards, or combination of hazards, that may exist in a workplace. This MSDS, therefore, forms a component only of a risk assessment carried out by, or on behalf of, the user.