

BRILUBE ADVANCED ROPE DRESSINGS

Ropes are like any other machine and to achieve maximum operating life in service lubrication must be applied.

The type of service lubricant and frequency of application varies with the rope construction the operating conditions and its functional application.

Bridon's unequalled experience in the world of wire rope manufacture and many years spent in the development of specialist in service lubricants have been used in the formulation of the Brilube range of products.

Brilube's advanced formulation with proven performance helps to get the best from your rope.

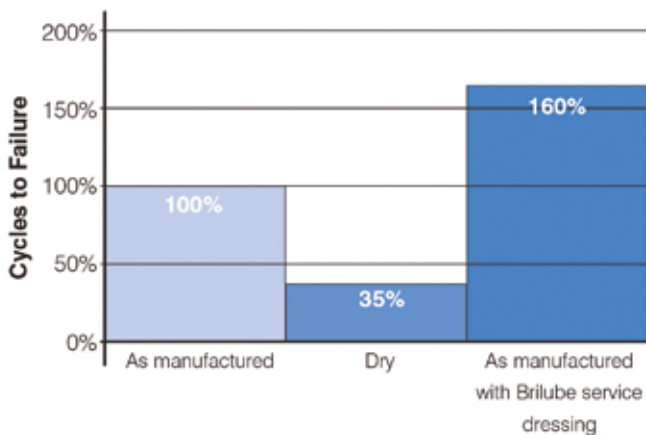
Brilube 30, 40 and 50 can be applied by brush, drip feed or portable pressurised sprayer.

Brilube 60 and 70 can be pressure applied using in-line application systems which are available to suite a wide range of rope sizes and constructions. These systems operate by forcing the lubricant into the rope under high pressure, whilst simultaneously cleaning the rope and removing the moisture, residual lubricant and contaminants.



- Advanced corrosion protection
- High lubricity
- Reduced fling off
- Enhanced rope life
- Effective penetration
- Easy Application

Typical wire rope bend fatigue results



Brilube Health & Safety Recommendations

General Precautions

DO

- Keep away from heat and open flame
- Keep container closed
- Store under cover
- Ensure maximum temperature 25°C
- Keep away from food and drink
- Avoid prolonged and frequent skin contact and ensure good standards of personal hygiene

DO NOT

- Keep oily rags in pockets or wear contaminated clothing
- Inhale fumes or vapours
- Swallow

BRILUBE®

Composition	30	40	50	60	70
petroleum/oil base	•		•		
petroleum thixotropic gel				•	•
synthetic		•			
biodegradeable					
Properties					
excellent penetration	•	•	•		
excellent corrosion protection	•			•	•
stable over wide temperature range	•	•		•	•
slip resistant		•			
minimise fling off	•			•	•
semi dry thin film	•				
water repellent	•	•		•	•
Application					
general industries	•		•	•	•
marine/offshore	•			•	•
static ropes/rigging				•	•
fishing ropes	•				•
lifts/elevators			•		
friction drive systems			•		
drilling lines	•				•
cranes	•		•	•	•
mine winders (Koepe)	•	•			
mine winders (Drums)	•		•		•
mine balance ropes					•

Fire Extinguishing Media

- Carbon dioxide, dry chemicals, foam

Spillage

- Soak up with absorbent clay

Waste Disposal

- Burn or dispose of in an approved area
- Do not allow to contaminate water supplies

BRILUBE ADVANCED ROPE DRESSINGS

Brilube Advanced Rope Dressings

LUBE 30	BRILUBE30 - a semi-dry thin film lubricant with excellent penetration and corrosion resisting properties. Formulated for frequent use in harsh working conditions, whilst minimising lubricant build-up and abrasive particle contamination. Effective operating range -30°C to +60°C Minimum application temperature -5°C	LUBE 60	BRILUBE60 - a medium thixotropic gel lubricant with excellent corrosion protection and stable properties over a wide temperature range. Formulated for long life on static or dynamic ropes. BRILUBE60 is recommended for outdoor use providing effective lubrication and corrosion protection where only in frequent lubrication is possible. Effective operating range -55°C to +100°C Minimum application temperature -20°C
LUBE 40	BRILUBE40 - a synthetic lubricant which deposits a slip-resistant film on the wire surfaces. Formulated for use where frictional grip is vital, it provides internal lubrication whilst avoiding excessive build-up with repeated applications. BRILUBE40 is recommended for use on lifts, elevators and similar friction driven rope installations. Effective operating range -80°C to +40°C Minimum application temperature -5°C	LUBE 70	BRILUBE70 - a medium thixotropic gel lubricant with stable properties over a wide temperature range offering corrosion protection against marine working conditions. Formulated for long life on static or dynamic ropes in highly aggressive environments. BRILUBE70 is recommended for use in off-shore and other hostile environments where effective lubrication and optimum corrosion protection are vital. Effective operating range -55°C to +100°C Minimum application temperature -20°C
LUBE 50	BRILUBE50 - an oil based lubricant with additives to increase adherence and enhance corrosion protection. It has excellent penetration and lubrication properties for working ropes in normal industrial environments. BRILUBE50 is recommended for overhead cranes, hoist ropes and similar working ropes, where fatigue is the major factor in rope deterioration. Effective operating range -70°C to +30°C Minimum application temperature -25°C		

Tower Cranes
Mobile Cranes
Dockside Cranes
Fishing Ropes
Mine Winders
(Koepe & Drum)

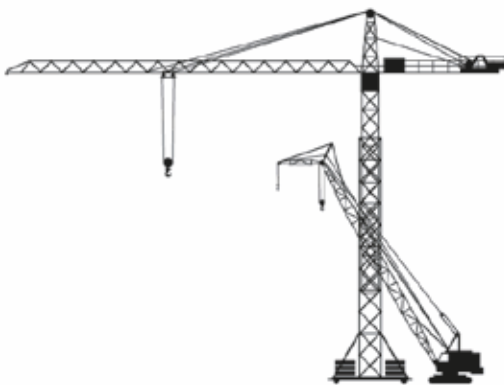
Excavators
Guy Ropes
Winch Ropes

Lifts & Elevators
Friction Hoists
Mine Winders
(Koepe)

Off-shore Cranes
Rigging
Mooring & Towing
Cables
Fishing Ropes
Mine Winders
(Drum)
Koepe Balance Ropes

Indoor Cranes
Piling Applications
Small Excavators
Mine Winders
(Drum)
Winder Hoist Ropes

BRILUBE 30



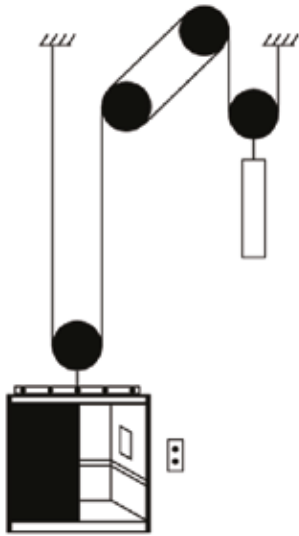
**Dockside Cranes
Fishing Ropes
Mine Winders (Koepe or drums)**

BRILUBE 30 - a semi-dry thin film lubricant with excellent penetration and corrosion resisting properties. Formulated for frequent use in harsh working conditions, whilst minimising lubricant build-up and abrasive particle contamination. Effective operating range -30°C to +60°C Minimum application temperature -5°C

Physical & Chemical Properties

GENERAL INFORMATION	
FORM:	Fluid
COLOUR:	Brown
ODOUR:	Like aromatic solvents
CHANGE IN CONDITION	
MELTING POINT/MELTING RANGE:	Undetermined
BOILING POINT/BOILING RANGE:	> 150°C
FLASH POINT:	40°C
SELF-IGNITING	Product is not selfigniting
DANGER OF EXPLOSION:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
DENSITY AT 20°C:	0.82 g/cm ³
SOLUBILITY IN/MISCIBILITY WITH	
WATER:	Not miscible or difficult to mix
SOLVENT CONTENT:	
ORGANIC SOLVENTS:	0.0 Vol %
VOC (EC)	0.0 Vol %
SOLIDS CONTENT:	97.5 Vol %

BRILUBE ADVANCED ROPE DRESSINGS



BRILUBE 40

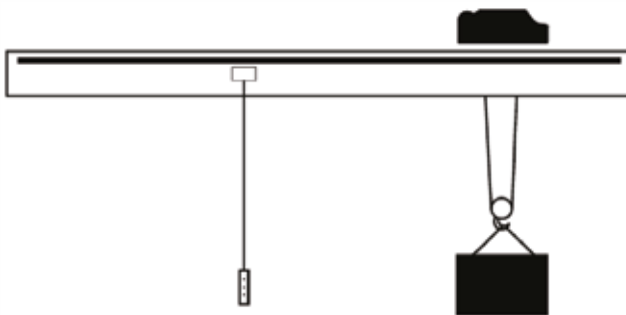
Physical & Chemical Properties

GENERAL INFORMATION	
FORM	Fluid
COLOUR	Colourless
ODOUR	Like aromatic solvents
CHANGE IN CONDITION	
MELTING POINT/MELTING RANGE	Undetermined
BOILING POINT/BOILING RANGE	Undetermined
FLASH POINT	40°C

Lifts & Elevators
Friction Hoists
Mine Winders (Koepe)

BRILUBE 40 - a synthetic lubricant which deposits a slip-resistant film on the wire surfaces. Formulated for use where frictional grip is vital, it provides internal lubrication whilst avoiding excessive build-up with repeated applications.
Effective operating range -80°C to +40°C
Minimum application temperature -5°C

BRILUBE 50



Indoor Cranes
Piling Application
Small Excavator
Mine Winders (Drums)

BRILUBE 50 - an oil based lubricant with additives to increase adherence and enhance corrosion protection. It has excellent penetration and lubrication properties for working rope in normal industrial environments.
BRILUBE 50 is recommended for overhead cranes, hoist ropes and similar working ropes, where fatigue is the major factor in rope deterioration.
Effective operating range -40°C to +30°C
Minimum application temperature -25°C

Physical & Chemical Properties

GENERAL INFORMATION	
FORM	Fluid
COLOUR	Amber coloured
ODOUR	Mineral-oil-like
CHANGE IN CONDITION	
MELTING POINT/MELTING RANGE	Undetermined
BOILING POINT/BOILING RANGE	Undetermined
FLASH POINT	>100°C
IGNITION TEMPERATURE	>250°C
DANGER OF EXPLOSION Product does not present an explosion hazard	
DENSITY AT 20°C	0.88g/cm³
SOLUBILITY IN/MISCIBILITY	
WITH WATER:	Not miscible or difficult to mix
VISCOSITY:	
KINEMATIC AT 20°C	68 cSt (DIN 53211/4)
SOLVENT CONTENT:	
ORGANIC SOLVENTS:	0.0%
VOC (EC)	0.00%