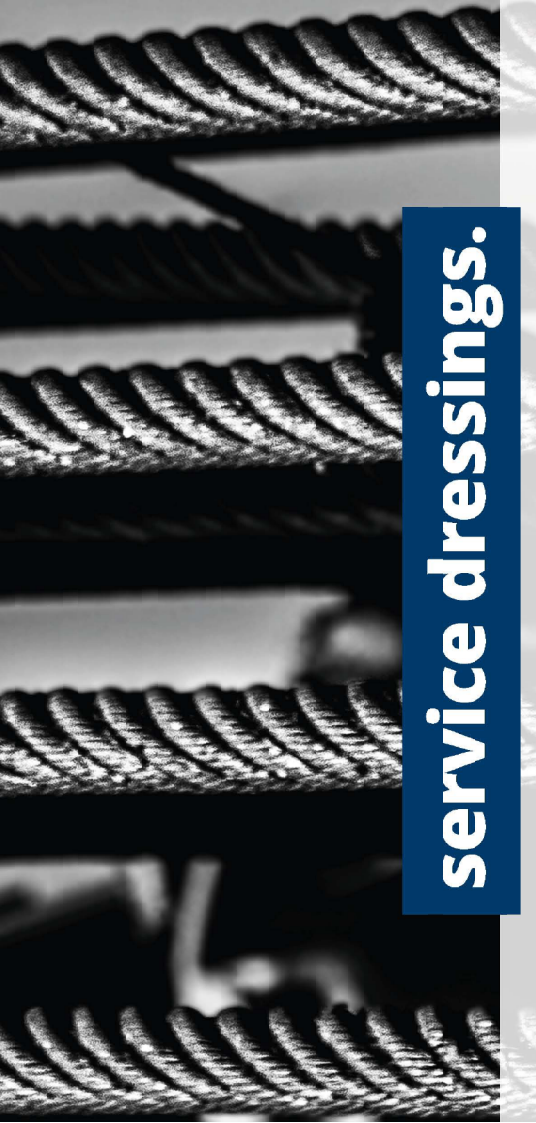


BRILUBE[®]

Advanced lubricant solutions
for wire rope applications.





service dressings.

3 INDUSTRY CHALLENGES CAUSE LOSS OF LUBRICANT



Deep waters

High pressure in deep waters break down the rope lubricants components and cause permanent loss or degradation.



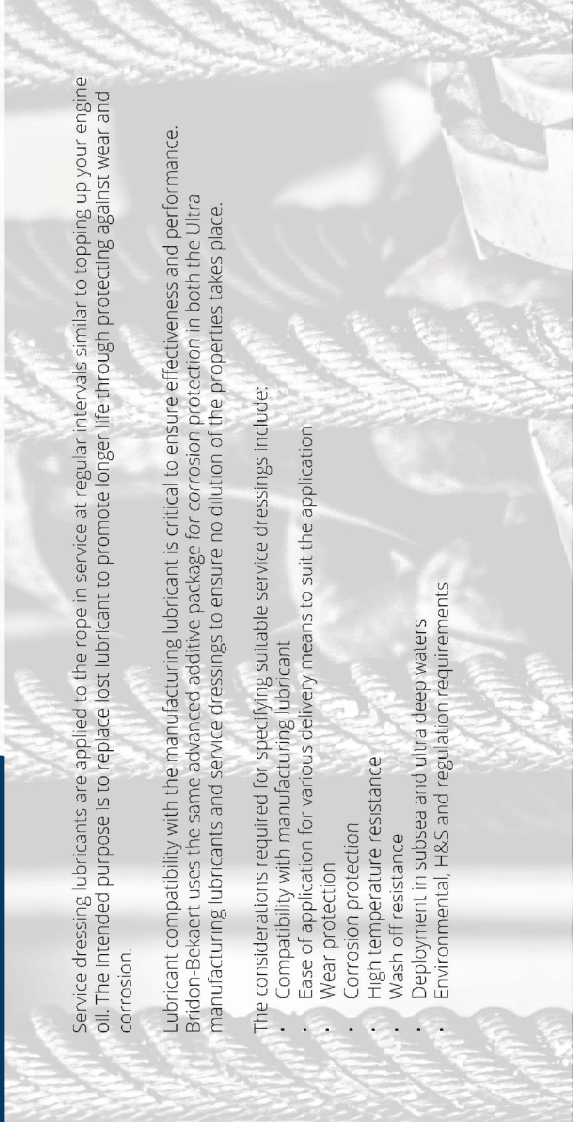
High temperatures

When using "active heavy compensating systems" and "cyclic bending over sheaves", a lot of heat is generated, which softens wax-based lubricants and results in a loss of lubricant.



Hot climate

Working the lubricant around 60°C (against 110°C drop point) causes wax to become fluid.

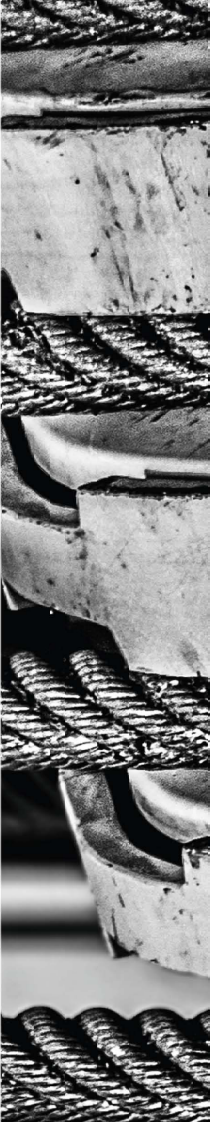


Service dressing lubricants are applied to the rope in service at regular intervals similar to topping up your engine oil. The intended purpose is to replace lost lubricant to promote longer life through protecting against wear and corrosion.

Lubricant compatibility with the manufacturing lubricant is critical to ensure effectiveness and performance. Bridon-Bekaert uses the same advanced additive package for corrosion protection in both the Ultra manufacturing lubricants and service dressings to ensure no dilution of the properties takes place.

The considerations required for specifying suitable service dressings include:

- Compatibility with manufacturing lubricant
- Ease of application for various delivery means to suit the application
- Wear protection
- Corrosion protection
- High temperature resistance
- Wash off resistance
- Deployment in subsea and ultra deep waters
- Environmental, H&S and regulation requirements



product line.

BRILLUBE® ULTRA

- ✓ A wide operating temperature range suitable for active heave compensation systems and warmer tropical climates.
- ✓ Corrosion protection system with a high 'water wash off' performance ensures long lasting protection. Provides continued protection to the wire rope at extreme pressures enabling ultra-deep water deployment.
- ✓ Environmentally Acceptable Lubricant (EAL) conforming to Vessel General Permit (VGP) 2013 through EU Ecolabel Certification. Bio-degradable, non-toxic and non-bio accumulative wire rope service dressing.



BRILLUBE® ULTRA 2

A unique hybrid grease, suitable for operation in ultra deep waters. A wide operating temperature range suitable for active heave compensation systems and warmer tropical climates. Along with a three stage corrosion protection system with a unique 'water wash off' performance for frequent subsea operation.



BRILLUBE® FIT

- ✓ Traditional wire rope lubricants suitable for a wide range of offshore applications
- ✓ Corrosion protection
- ✓ Wear resistant



BRILLUBE® 30

A semi-dry thin film lubricant with excellent penetration and corrosion resisting properties for surface cranes.



BRILLUBE® 40

A synthetic lubricant which deposits a slip-resistant film on the wire surfaces for friction driven rope installations.



BRILLUBE® 70

A medium thixotropic gel lubricant with stable properties over a wide temperature range offering long lasting corrosion protection.





rope dressing application.

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-Bekaert'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 Brillube range of products. Brillube's advanced formulation with proven performance helps to get the best from your rope.








Brillube 30 and 40 should be applied by portable sprayer but if this is not feasible it can be applied manually by brush or drip.

Brillube 70 and UJ TRA 2 dressing should be pressure applied using in-line application systems which are available to suit a wide range of rope sizes and constructions. These systems operate by forcing the lubricant into the rope under high pressure.



selection & application.

BRILLUBE

	FIT 30	FIT 40	FIT 70	ULTRA 2
Colour / Consistency	Brown Opaque Fluid	White Water Liquid	Glossy Black Gel	Matte Black Grease
NLGI Grade	Solvent Liquid	Solvent Liquid	NLGI0	NLGI2
Effective Operating Temperature	-30°C to +60°C	-55°C to +40°C	-40°C to +70°C	-40°C to +120°C
Corrosion Protection (Hot Salt Spray)	-	-	Pass (720 hours)	Pass (2880 hours)
Water Spray Off	-	-	1% Retention	< 60% Retention
4 Ball Weld Load	-	-	> 180 kgf	> 400 kgf
Penetration (1/10mm)	-	-	350-380	265-295
Certification				
Container Volumes	400ml Aerosol	400ml Aerosol	17.5 kg	17.5 kg
	5 Litre	-	50 kg	-
	20 Litre	20 Litre	180 kg	180 kg
Application Methods	 Aerosol  Sprayer  Brush	 Hand  Pneumatic Pressure Sprayer	 Pressure Lubricator	

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