

ULTRA 2

high performance wire rope lubricant

Advanced high-performance hybrid grease developed to perform in more challenging environments.

Enhanced rope lubricant, manufactured with 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.

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.

Can be applied in rope manufacture and as an in-service dressing for absolute compatibility.

key performance differentiators

- ✓ Highly stable lubricant formulation aiding efficient operation across wide operational temperature range.
- ✓ Operational flexibility across geographies & climates covering arctic to humid tropical operating conditions.
- ✓ Industry leading water spray off resistance protects the wire rope operating especially at the splash zone.
- ✓ Provides continued 'lubricity' to the wire rope at extreme pressures enabling ultra-deep water deployment.
- ✓ Primary barrier to wire rope corrosion by seawater using advanced corrosion protection technology.
- ✓ Application via pressure lubricators without the need for additional heating.

LUBRICANT PROPERTIES	TYPICAL VALUE	TEST METHOD
Colour / Texture	Black / smooth	Visual at ambient conditions
NLGI grade (default supply)	2	-
Relative density at 20 °C	0.9 - 0.95	Water = 1 @ 20°C
Drop point	154 °C	IP 396
Break point	- 60 °C	IP 80
Effective operating temperature range	- 40 °C to +120 °C	-
Hot salt spray test (corrosion protection)	Pass (2880 hrs)	ASTM B117
Penetration at 25°C un-worked (1/10mm)	265-295	ASTM D217
4 Ball weld load	>400 Kgf	IP 239
4 Ball weld scar	0.55 mm	IP 239
Water spray off	< 60%	ASTM D4049



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THE ROPES GROUP

Bridon-Bekaert Ropes Group is the world's premier supplier of mission-critical advanced cords, steel wire ropes, and fibre synthetic ropes.

As a leading innovator, developer and producer of the best performing ropes and advanced cords globally, the Group provides superior value solutions to the oil & gas, mining, crane, elevator and other industrial sectors.



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