



ClareGuard HMX

Environmentally friendly build (primary) wire rope lubricant.

Hot Melt Lubricant



Applications

ClareGuard HMX is a technologically advanced hot melt lubricant, manufactured from biodegradable, renewable and non-toxic components specifically for the build process of a wire rope and utilisation of existing hotmelt equipment. It is characterised by exceptional performance under high pressures, with excellent resistance to water and corrosion, making it ideal to protect wire ropes in challenging environments.

Features and Benefits

- Hot melt application
- Strong surface adhesion
- Forms a water resistant lubricating film
- Excellent thermal and oxidative stability
- Excellent EP and anti-wear
- Non-toxic and safe to handle with standard PPE
- VGP and EAL Compliant

Typical Characteristics

Test	Method	Result
Appearance	Visual	Smooth
Colour	Visual	Beige/Brown
Thickener Type		Hybrid
Operating Temperature Range		-20°C to 80°C
Application Temperature Range		80°C to 120°C
Unworked Penetration	IP 50	200-240
Drop Point	IP 396	>120°C
4-Ball Weld Load	IP 239	>250 kgf
Wear Scar Diameter	IP 239	<0.6 mm
Copper Corrosion	ASTM D4048	1A
Salt Spray	ASTM B117	TBC
Spray Off (room temperature)	ASTM D4049 Mod	<5%
Spray Off (38°C)	ASTM D4049	<10%