

QTM Series Quantum 5354, Eco Plus EAL Extra Tacky

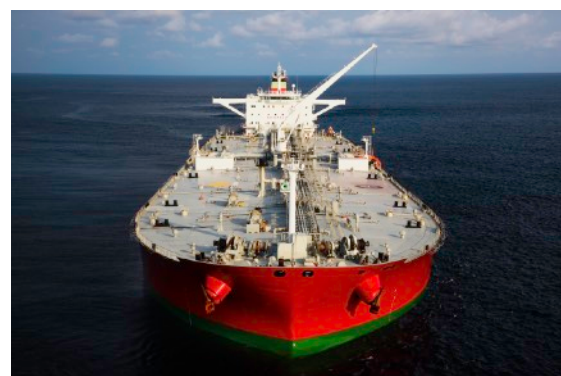
Product Description

QTM Series Quantum 5354, Eco Plus EAL Extra Tacky is a special high viscosity calcium-based grease. It is a readily biodegradable lubricant produced with a high percentage of sustainable non-toxic natural and synthetic ester base oils and a special calcium thickener system. It offers excellent protection from rust and corrosion and is particularly well suited to cope with wet and corrosive environments. Eldon's GREASE CHT ECO 1 HV PLUS is enriched with anti-wear and oxidation-resistance and extreme pressure additives that ensure long service life. It is a tacky, stringy grease, designed to provide excellent adhesion to metallic surfaces even operating at high speeds. Its high dropping point ensures that the product remains in place even at elevated temperatures. It does not harden and can provide effective lubrication even at temperatures as low as - 25 °C.



Applications

QTM Series Quantum 5354, Eco Plus EAL Extra Tacky is recommended as a special open gear and wire rope lubricant suitable for humid environments for applications where a highly adhesive product is required and for temperature up to + 90 °C.



Typical Data		
Q TM Series Quantum	Method	
Soap Base		Calcium
Colour		Green
Texture		Tacky
NLGI Grade		1
Worked Penetration at 25 °C, 1/10 mm	ASTM D-217	310 – 340
Dropping Point, °C min	ASTM D-2265	145
4 Ball test, Welding point, kgf	ASTM D-2596	250
Timken OK Load	ASTM D-2509	45
Base oil Viscosity at 40 °C, cSt	ASTM D-445	1500
Viscosity Index	ASTM D-2270	154
Water washout, % et	ASTM D-1264	1.8
Water Spray off, % wt	ASTM D-4049	9.4
Working Temperature, °C		- 20 to + 90

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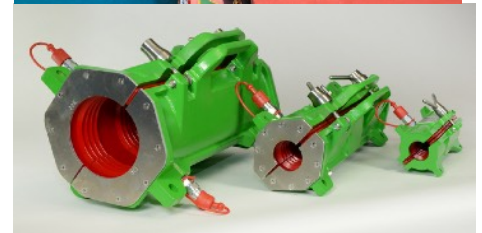
Health and Safety

This product range has been specially designed so as to have minimal effect on the environment.

Biodegradability, %	> 60%
Acute Toxicity 72 hrs, Algal OECD 201 [EC50]	> 1000 mg/l
Acute Toxicity 48 hrs, Daphnia OECD 202 [EC50]	> 1000 mg/l
Bioaccumulation, Partition Coefficient Log KOW OECD 117	< 3

Advantages

- Meets the EPA VGP requirements.
- Produced with sustainable base stocks.
- Excellent resistance to water wash out.
- Excellent lubricity.
- Effective rust protection and corrosion resistance.
- Excellent adhesive properties.
- Long lasting protection for wire ropes.
- Reduces energy requirements of open gears.
- Wide operating temperature of open gears.
- Q™ Series Quantum 5354 Eco Plus EAL extra tacky is a VGP Compliant lubricant



Method of Application

Q™ Series Quantum 5354, Eco Plus EAL extra tacky is ideally applied with the use of Viper® Wire Rope Lubricator. It can also be applied manually, or using a standard grease gun.

As with all greases when used for the first time, please check the compatibility with the grease applied previously and if necessary, purge the old lubricant prior to application.

(Do not over-lubricate bearings; apply the quantity of grease recommended by the bearing manufacturer).

Available Packaging

- Pail 16 kg
- For more available packaging contact Hexagon Europe after sales services
- Avoid prolonged or repeated contact of used lubricants with skin.
- In case of skin contact wash well.
- Used lubricants should be collected in special containers and disposed of in accordance to local legislations.
- For additional information please consult the Material Safety Sheet (SDS).