



## Product Information

### QCA Grease MX9

Penrite QCA Grease MX9 is an advanced technology, mixed-complex grease, containing 9% solids that provide additional lubrication in high load applications in industries such as **Q**uarries, **C**onstruction and **A**griculture.

It is made using a lithium-calcium complex soap with "built-in" extreme pressure and anti-wear properties. These are further enhanced by the addition of anti oxidant and corrosion inhibitors. It also uses special tackifiers help the product stay in place and adhere to critical surfaces where it can better lubricate metal surfaces. This is a far better outcome than for some of the "super-stringy" greases that are good at sticking to themselves but require the equipment to work harder to overcome internal friction.

A NLGI No 2 grease, it meets the performance requirements of the Caterpillar MPGM specification.

#### APPLICATION

Penrite QCA Grease MX9 is recommended for use in severe heavy duty applications where high shock loads are common including those in corrosive environments.

These include in industrial plants and off-highway equipment used in the mining, agricultural, forestry and construction industries to name a few. Ideal for shackles, bolts, ball joints, king pins, slow speed bearings and universal joints and may be used as a fifth wheel lubricant.

QCA Grease MX9 is ideal in applications requiring grease with solid anti-wear additives in high temperature environments where conventional lithium greases are unable to be used.

Recommended operating range is -20°C to 140°C.

Not recommended for high speed bearings.

#### CUSTOMER BENEFITS

- Minimises squeeze out
- Seals out dirt
- Extremely resistant to water wash out
- High adhesion helps it stay in place
- Prevents scoring and spalling under extreme loads
- Excellent corrosion resistance
- Exceptional load carrying capacity

#### INDUSTRY SPECIFICATIONS

Penrite QCA Grease MX9 exceeds the performance requirements of:

NLGI 2

Caterpillar MPGM

**STICKS WHERE IT IS NEEDED - NOT TO ITSELF**

### Typical Properties

NLGI	2
Base Oil Viscosity, ISO	680
Drop Point, °C	Over 250
Colour	Grey-black
Solids Content	9%
Four Ball Weld Point, kg	> 800
Appearance	Tacky
Continuous Operating Temperature, °C	-20 to 140
Intermittent Use, °C	160 Plus

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#### ENVIRONMENT, HEALTH AND SAFETY

Information is available by request on this product in the Penrite Material Safety Data Sheet. Information in this sheet is based on the most current information available. Minor variations to typical properties not affecting the performance of the product are to be expected in normal manufacture.

Issued January 2007