

# Product Information

## Bislube Extreme Pressure Anti-wear DM 89

### Product Description:

Bislube Extreme Pressure Anti-wear DM 89 is a yellow powder composed of a bis(dimercapthiadiaazole) compound. Displays excellent friction reducing properties and corrosion inhibition, even under extreme pressure and high temperatures. Bislube Extreme Pressure Anti-wear DM 89 is used as a lubricant additive in lubricating greases that can increase the weld load value and Timken OK value. Bislube Extreme Pressure Anti-wear DM 89 is free of phosphorus and can be readily dispersed into a suspension with mineral oils. It is insoluble in petroleum oils and water. The recommended dosage is 1.0 - 3.0 % for greases.

### Applications:

Bislube Extreme Pressure Anti-wear DM 89 is used as an extreme pressure additive for greases.

### Chemical Formula:

$C_4H_2N_4S_6$

### CAS No. :

72676-55-2

### Specifications:

| Parameters (units)                          | Specifications | Test Method |
|---|----------------|-------------|
| Appearance                                  | Yellow powder  | Visual      |
| Density, at 25 °C (g/cm <sup>3</sup> )      | 1.50 - 2.09    | ASTM D 2320 |
| Melting point (°C)                          | ≥ 160.0        | ASTM D 1519 |
| Heat loss, at 60-65 °C for 2 hrs            | ≤ 0.30         | ASTM D 4571 |
| Ash content (%)                             | ≤ 0.30         | ASTM D 4574 |
| Nitrogen content (%)                        | 17.4 - 19.4    | ASTM D 5291 |
| Sulfur content (%)                          | 62.0 - 67.0    | ASTM D 4927 |
| Particle fineness, retained on 100 mesh (%) | ≤ 0.10         | ASTM D 5461 |

\*% denoted represents wt/wt %, unless noted otherwise

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[bisleyinternational.com](http://bisleyinternational.com)

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## Packaging:

Material is available in 25 kg bags. Further packaging options may be available upon inquiry.

## Storage:

Product should be stored in a cool and dry place away from direct sunlight in sealed, original packaging. Shelf life of 24 months.

## Safety:

For further safety information refer to product SDS available from your Bisley International contact.

Disclaimer: This document is for information purpose only. Customers are responsible for testing and conforming the suitability of this product in their application. To the extent permitted by law, no warranty as to merchantability or fitness of purpose, expressed or implied, is made.

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