

# Product Information

## Overbased Calcium Sulfonate (400 TBN)

### Product Description:

Overbased Calcium sulfonate (400 TBN) is a highly alkaline liquid with detergent properties. Overbased Calcium sulfonate (400 TBN) is compatible with most mineral base oils, white oils, and synthetic base stocks. Overbased Calcium sulfonate (400 TBN) is highly alkaline, so it neutralizes acidic material and combustion by-products, thus increasing corrosion resistance and increasing oil life.

### Applications:

Overbased Calcium sulfonate (400 TBN) is typically used as a thickener, emulsifier and rust inhibitor in crankcase lubricants. It is used in the manufacture of calcium sulfonate greases and engine oils that are ideal for use in high temperature, high pressure applications and for use in environments exposed to salt. Applications include automotive, diesel, marine, metal working and railroad lubricants.

### CAS No. :

70024-69-0

### Specifications:

Parameters (units)	Specifications
Appearance	Brown, red viscous liquid
Calcium (wt %)	≥ 14.8
Total Base Number (mg KOH/g)	≥ 400
Water (wt %)	≤ 0.2
Viscosity at 100 °C (cSt)	≤ 300
Flash point (°C)	≥ 180
Density, at 20 °C (kg/m <sup>3</sup> )	1100 - 1300
Sulfur (wt%)	≥ 1.25
Mechanical impurities (wt%)	≤ 0.1

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## Packaging:

Material is available in 200 kg steel drums. Further packaging options may be available upon enquiry.

## Storage:

Product should be stored under 45 °C in a dry place in sealed, original containers. Shelf life of at least 2 years.

## 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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