

CALCIUM PETROLEUM SULPHONATE - 30 TBN

INTRODUCTION

The product is a high molecular 30 TBN Calcium Sulphonate. The increased oil solubility of the organic portion of this Sulphonate enables the product to provide rust protection and acts as dispersant for graphite and molybdenum disulfide. It can be used as an additive in lubricating oils, greases, rust inhibition, antiwear and hydraulic fluids.

SPECIFICATION

Test	Method	Minimum	Maximum
Appearance	Visual	Brown liquid	Brown liquid
Colour	ASTM D 1500	2	5
Sp. Gravity @ 15.6°C	ASTM D 1298	0.95	1.05
Flash Point °C (COC)	ASTM D 92	175	-
Viscosity @ 100° C, cst	ASTM D 445	40	70
Avg. Molecular wt.	ASTM D 3712	1000	1100
TBN (mg KOH/gm)	ASTM D 974	28	35
Calcium Content %[w/w]	GL EDTA 1A	2.8	3.0

FORMULATION

The product is recommended for use at 0.5% to 10.0%wt. In suitable base stocks to provide detergency & anti-rust performance characteristics to oils. It is compatible with mineral base oils, white oils, and synthetic base stocks.

APPLICATION

- Imparts excellent rust prevention, detergency and Anti oxidant Properties.
- Corrosion inhibitor in mill oils, short-term rust preventatives, coatings and greases.
- Dispersant and corrosion inhibitor in engine oil.
- Provides excellent resistance to coated Cold Rolled Steel for antirust applications.
- Works in extremely hostile conditions like highly acidic environment as well as highly humid atmosphere.
- It is non-staining having detergent, dispersant properties.
- Environmental Friendly, Biodegradable without side effect.

HANDLING AND STORAGE

Calcium Sulphonate is normally handled at room temperature. For general purposes, the following storage and handling temperatures are recommended: Storage Handling 50-70°C (122-158°F).

For more extensive information on the safe handling and use of this product, see the Material Safety Data