



## CHEMPOL 5540C

Over Based Calcium Sulfonate

### PRODUCT DESCRIPTION

CHEMPOL 5540C is a calcium sulphonate Base Number booster designed for use in lubricants. Other applications include automotive, diesel, marine, railroad and stationary diesel lubricants. The use of CHEMPOL 5540C is recommended for lubricants where high alkalinity is desired to neutralize the acidic fuel combustion by products.

### DOSAGE RECOMMENDED (WT%)

Nominal dosages would range from 0.5 to 5.0 %wt of the finished lubricant.

### PRODUCT CHARACTERISTICS

| Item   | Index                                    | Typical Value                            | Test Method |
|--|--|--|-------------|
| Appearance                                     | Reddish Brown transparent viscous liquid | Reddish Brown transparent viscous liquid | Visual      |
| Kinematic Viscosity (100°C) mm <sup>2</sup> /s | 80-120                                   | 90                                       | ASTM D445   |
| Flash Point (COC), °C                          | ≥180                                     | 200                                      | ASTM D92    |
| Total Base Number, mg KOH/g                    | 395-425                                  | 410                                      | ASTM D2896  |
| Ca Content, m%                                 | 15-16.5                                  | 15.3                                     | ASTM D5185  |

### PACKING, STORAGE AND TRANSPORTATION

Please refer MSDS of this product when storing, shipping, handling and using this product. It is nonflammable, non-explosive and non-corrosive. The highest storage temperature shall not exceed 75°C. For long term storage, the highest temperature shall not more than 45°C. For product details of safety, health and environmental precautions, please refer to the MSDS of this product.