



Lobase[®] C-4503

neutral calcium sulfonate

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DESCRIPTION

Lobase C-4503 is a 30 TBN neutral calcium sulfonate. Lobase C-4503 is a general purpose neutral calcium sulfonate typically used as a detergent/rust inhibitor in crankcase lubricants. Lobase C-4503 applications include automotive, diesel, marine, railroad and stationary diesel lubricants. Nominal dosages would range from 0.5 to 10.0 wt. % of the finished lubricant. Lobase C-4503 is compatible with most mineral base oils, white oils, and synthetic base stocks.

TYPICAL DATA

<u>Properties</u>	<u>Typical Values</u>
Calcium, wt. %	2.70
Calcium Sulfonate, wt. %	44.5
Total Base Number	30
Water, wt. %	0.2
Viscosity@ 100°C, cSt	55
Flash Point, COC °C	220
Specific Gravity 15°C	0.960
Color (dilute)	5.0
Sediment, vol. %	0.02

HANDLING INFORMATION

Lobase C-4503 is a liquid neutral calcium sulfonate and is normally handled at elevated temperatures. For general purposes, the following storage and handling temperatures are recommended:

<u>Storage</u>	<u>Handling</u>
60-80°C (140-176°F)	80-90°C (176-194°F)

SAFETY INFORMATION

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

SHIPPING INFORMATION

Petroleum Oil, N.O.I.B.N.
Tank cars, tank trucks and non-returnable 55-gallon steel drums.

The information contained herein is correct to the best of our knowledge. Your attention is directed to the pertinent Material Safety Data Sheets for the products mentioned herein. All sales are subject to Chemtura's standard terms and conditions of sale, copies of which are available upon request and which are part of Chemtura's invoices and/or order acknowledgments. Except as expressly provided in Chemtura's standard terms and conditions of sale, no warranty, express or implied, including warranty of merchantability or fitness for particular purpose, is made with respect to the products described herein. Nothing contained herein shall constitute permission or recommendation to practice any invention covered by a patent without a license from the owner of the patent.

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