



## Low Overbased Calcium Sulfonate

### Application, Product Summary & Benefits

OLOA 246S is a high molecular weight calcium sulfonate lubricating oil additive. It is generally used with acid neutralizing and inhibitor additives in engine oils. This additive provides excellent detergency for upper ring belt deposit control under the high operating temperatures encountered in supercharged diesel engines. It also provides excellent rust control.

### Dosage

### Typical Properties

#### Chemical

Calcium, mass/wt-% (ASTM D 4951/D 4927)	2.35
Sulfur, mass/wt-% (ASTM D 4951)	2.9
Calcium, as Sulfonate, mass/wt-% (ASTM D 4951)	1.64
Base Number, mg KOH/g (ASTM D 2896)	16

#### Physical

Specific Gravity, at 15°C (ASTM D 4052)	0.933
Flash (PMCC), °C (ASTM D 93)	150
Viscosity, mm <sup>2</sup> /s(cSt) at 100°C (ASTM D 445)	32
Color (ASTM D 6045)	2.5

### Handling

Please refer to the corresponding material safety data sheet for handling and blending precautions and maximum recommended temperatures.