



MAGSUL™ OB9A **Overbased Magnesium Sulfonate**

GENERAL DESCRIPTION

Magsul™ OB9A is a cost efficient overbased magnesium sulfonate that lends detergent/dispersant, acid neutralizing, rust and corrosion inhibiting characteristics to a variety of lubricants. Magsul™ OB9A is a good choice for automotive, marine, diesel and stationary diesel lubricants. Nominal dosages ranging from 0.25% to 5.0% (Wt.) in the finished lubricant are effective. Magnesium sulfonates contribute lower ash to formulated products than the traditional overbased calcium sulfonate counterparts. This product exhibits good compatibility with most mineral base oils, white oils, and synthetic base stocks.

TYPICAL PROPERTIES (NOT SPECIFICATIONS)

		OB9A
Magnesium, Wt. %	ASTM D4951	9.3
Magnesium Sulfonate, Wt. %	KTI TM100	28
Total Base Number, mgKOH/g	ASTM D2896	400
Specific Gravity @ 15.6°C	ASTM D4052	1.11
Density, Pounds per Gallon @ 15.6°C	ASTM D1250	9.3
Color, Dilute	ASTM D1500	5.5
Viscosity @ 100 °C, cSt	ASTM D445	150
Sulfur, Wt. %	ASTM D3712	1.50

APPLICATIONS

Magsul™ OB9A should be considered as a good choice for marine and cylinder oils and can also be used in a variety of lubricant formulations such as automotive crankcase and industrial oils as well as various fuel applications. This product can be effective at relatively low treat rates (0.1 to 5% in the finished product).

AVAILABILITY

Magsul™ OB9A is available in Bulk Shipments, Totes, and 55-Gallon Drums.

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