



## **SYNBAR™ N50 & OB70** **Neutral and Overbased Barium Sulfonates**

### **GENERAL DESCRIPTION**

Synbar™ N50 (Neutral) and OB70 (Overbased) are first intent dispersant type, oil soluble barium sulfonates. These products impart excellent water separation and rust and corrosion inhibiting properties while maintaining low-staining characteristics due to their high molecular weight, polarity, and low chloride content.

### **TYPICAL PROPERTIES (NOT SPECIFICATIONS)**

		<b>N50</b>	<b>OB70</b>
Barium Content, Wt. %	ASTM D4951	7.0	14.0
Barium Sulfonate, Wt. %	KTI TM100	50	42
Total Base Number, mgKOH/g	ASTM D2896	1.0	65
Specific Gravity @ 15.6°C	ASTM D4052	1.01	1.09
Density, Pounds per Gallon @ 15.6°C	ASTM D1250	8.4	9.1

### **APPLICATIONS**

Synbar™ N50 and OB70 should be considered as components for formulating industrial lubricating oils, greases, hydraulic fluids, slushing oils, and protective films or coatings. These products can be effective at relatively low treat rates (0.10 to 5.0% in the finished product). Synbar™ N50 and OB70 are REACH registered.

### **AVAILABILITY**

Synbar™ N50 and OB70 are available in Rail Cars, Tank Trucks, and 55-Gallon Drums.

10-28-2019