

Barinate[®] B-70

Overbased Barium Sulfonate

Barinate[®] B-70 is a high molecular weight, oil soluble, overbased barium sulfonate. It is recommended for formulations where acid absorption is a potential requirement along with a high level of rust protection. It has excellent inherent demulsibility characteristics which provides high levels of corrosion inhibition along with excellent detergency. This product is well suited for formulations that will be used in industrial engine oils. Barinate[®] B-70 is compatible with most mineral base oils, white oils, and synthetic base stocks.

APPLICATIONS

Industrial lubricating oils, greases, hydraulic fluids, slushing oils, and other engineered protective products. Industrial engine oils.

TYPICAL TREAT

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

TYPICAL DATA

PROPERTIES	TEST METHOD	TYPICAL VALUES
Barium, wt. %	ASTM D4951	14.0
Barium Sulfonate, wt. %	ASTM D3712	43.0
Total Base Number, mg KOH/g	ASTM D2896	68
Equivalent Weight, wt. %	ASTM D3712	500
Water, wt. %	ASTM D95	0.1
Viscosity @ 100°C, cSt	ASTM D445	40
Flash Point, COC °C	ASTM D92	190
Specific Gravity 15°C	ASTM D4052	1.160
Color (dilute), rating	ASTM D1500	4.0
Sediment, vol. %	ASTM D2273	0.02



HANDLING INFORMATION

Barinate® B-70 is a viscous overbased barium sulfonate and is normally handled at elevated temperatures. For general purposes, the following storage and handling temperatures are recommended:

STORAGE HANDLING

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, please see the Safety Data Sheet.

SHIPPING INFORMATION

Petroleum Oil, N.O.I.B.N.

Tank cars, tank trucks and non-returnable 55-gallon steel drums.



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