

LUBSULF 90-475 SULFONIC ACID

I. GENERAL DESCRIPTION:

LUBSULF 90-475 is a highly active sulfonic acid produced from oleum sulfonation of heavy alkylate. It is recommended as a raw material for the manufacture of oil soluble metallic sulfonates for the automotive, metalworking, and fuel oil industries. The sulfonates produced from LUBSULF 90-475 generally exhibit low odor and good rust and corrosion inhibiting characteristics. They are compatible with a variety of basestocks, and impart excellent detergent and dispersant properties. LUBSULF 90-475 is also readily convertible to gelled, crystalline calcium sulfonate.

II. TYPICAL PROPERTIES: (not specifications)

ITEM	VALUE
Sulfonic Acid, Wt %	95
Sulfuric Acid, Wt %	0.05 max
Total Acid Number, mgKOH/g	99
Specific Gravity, 60/60 °F	1.00
Average Molecular Weight	465-485