

## T2001A SYNTHETIC DIALKYL BENZENESULFONIC ACID

### DESCRIPTION

T2001A is a lubricant additive intermediate prepared from the raw material of dialkyl benzene. The product is made through the proper sulfonation, not over-sulfonation. The general sulfonates produced with T2001A can meet the requirement for formulating middle-class engine oil

### SPECIAL FEATURES

- Active sulfonic content:  $\geq 55$  mass%
- Molecular weight ( $\bar{M}_n$ ): about 420
- No over-sulfonation
- Major composition: dialkyl benzenesulfonic acid

### APPLICATIONS

Apply to various conventional sulfonates for production of lubricants:

Low base, medium base and high base synthetic calcium dialkyl benzene sulfonate;

Overbased synthetic magnesium dialkyl benzene sulfonate;

Overbased synthetic sodium dialkyl benzenesulfonate, etc.

### CHARACTERISTICS

Item	Typical value	Test method
Appearance	Brownish Black Viscous Liquid	Visual
Density, kg/m <sup>3</sup> , at 20°C	930.0 ~ 999.0	ASTM D1298
Active Sulfonic Content, mass%	$\geq 55.0$	Q/JTH 011, Affix A
Acid number, mgKOH/g	85.0 ~ 110.0	ASTM D974

The enterprise standard Q/YHT 011-2012

### PACKING AND HANDLING

1. It is packed in 200 litre plastic drums. Store in dry, clean and well ventilated warehouses.
2. For the details of health and safety precautions, please see the related Material Safety Data Sheet.

