

DYN 3-270

TBN 400 (Super Overbased Synthetic Calcium Sulfonate)

Description

DYN 3-270 With long-chain alkylbenzene sulfonic acid as a main raw material, super overbased synthetic calcium sulfonate is produced by neutralization and super high alkalization reaction. DYN 3-270 can immediately neutralize organic acid and inorganic acid in oil, meanwhile it also has excellent high-temperature detergency. It is a preferred additive for blending over-based marine cylinder oil.

Special Features

- Excellent alkaline storage property
- Good oil solubility
- Strong acid neutralization capability
- Thermal stability

Recommended Treat Rate

Performance Level	DYN 3-270, (%wt)
TBN Boost - 4 TBN for each	1.0

Typical Characteristics

Typical Inspection	Specification	Test Method
Kinematic Viscosity @ 100°C, cSt	60 - 180	ASTM D445
Flash Point (COC), °C	180 Min.	ASTM D92
Calcium Content, % wt	14.8 - 16.8	ASTM D4951
Total Base Number, mg KOH/g	395 - 430	ASTM D2896
Density @ 20°C, Kg/m ³	1150 Min.	ASTM D4052

Packing And Handling

DYN 3-270 is packed in metal drums and when handling this product, the maximum temperature of 50°C should be observed for storage. In case of long time storage we suggest the temperature not to exceed 45°C. Avoid contact with water or moist air.