

DYN 3-430

TBN Booster 400



Description

DYN 3-430 is an overbased magnesium sulphonate. It has the advantages of excellent neutralization power & high temperature detergency and rust preventive property. It can be mainly used for blending high and medium grade lubricating oil used in internal combustion engines, marines and the engines which use fuel with high sulfur content so that lacquer and carbon residue deposits accumulated in the combustion chamber of the engines are not only greatly reduced, but also the cleanliness of the pistons can be maintained. Corrosion to the engine parts by acidic matters also can be prevented and its service time can be prolonged.

Application

- Detergent and corrosion inhibitor for fuel oils
- Corrosion Inhibition
- Dispersant
- Detergency

Recommended Treat Rate

Performance Level	DYN 3-430, (%wt)
TBN Boost - 4 TBN for each	1.0

Typical Characteristics

Typical Inspection	Specification	Typical	Test Method
Kinematic Viscosity @ 100°C , cSt	125 Min.	140	ASTM D445
Flash Point , °C	135 Min.	180	ASTM D93
Magnesium Content , % wt	9.0 - 10.0	9.60	ASTM D4951
Total Base Number , mg KOH/g	400 - 410	405	ASTM D2896
Water Content , % wt	1.20 Min.	0.50	ASTM D95
Density @ 15°C	1100 - 1140	1120	ASTM D4052

Packing And Handling

DYN 3-430 is packed in metal drums and is normally handled at room temperature. For general purposes, the following storage and handling temperatures are recommended: Storage Handling 50-70°C (122-158°F). For more extensive information on the safe handling and use of this product, see the Material Safety Data Sheet.