



Super Overbased Sulfurized Calcium Alkyl Phenate T123

●Product Introduction

T123 is a kind of widely used lubricant additive of comprehensive performance, it has extremely good acid neutralization capacity, better anti-oxidation, abrasion resistance and larger base number than the similar products. It also has excellent detergency and dispersion effects and hydrolysis stability. It can be formulated with other Lubricant Additive Component, including TBN Booster Calcium Sulfonate , Corrosion Inhibitor ZDDP, Ashless Dispersant, High Temperature Antioxidant, Antiwear EP Additive, Rust Preventative Anti-rust Additive, Pour Point Depressant, ect., to make different types of Additive Package.

●Product Technical Index

Item	Typical Value	Test Method
Flash Point (COC), °C	200	ASTM D92
Kinematic Viscosity (100°C), mm ² /s	400	ASTM D445
Density (20 °C), kg/m ³	1110	ASTM D4052
Total Base Number, mg KOH/g	302	ASTM D2896
Ca Content, m%	11.0	ASTM D4951
S Content, m%	3.0	ASTM D1552
Water Content, m%	0.02	ASTM D95

●Features

Besides excellent performances, it has the advantage of light chroma; lower corrosion of copper and lead, it can be used to blend high grade ICE oil.

●Package, Storage and Transportation

For highest storage temperature, it shall not surpass 45°C. This product is non-flammable, non-explosive, and non-corrosive. In terms of safety, environmental protection and use, it is equal to general petroleum products, don't need the special protection. Avoid contact with strong oxidizer when use it, shelf life is 2 years.