



Medium Based Sulfurized Calcium Alkyl Phenate T121

●Product Introduction

The Medium Based Sulfurized Calcium Alkyl Phenate is made from dodecyl phenol by means of sulfurization, neutralization, and medium alkalization. It has wonderful high temperature detergency, remarkable resistance to oxidation, resistance to corrosion, considerable acid neutralization, demulsibility and oil solubility. It has preferable compatibility with other additives and has active effect in reducing carbon deposition of piston top ring groove, and it is widely used to blend middle and high grade ICE oil.



●Product Technical Index

Item	Typical Value	Test Method
Flash Point (COC), °C	190	ASTM D92
Kinematic Viscosity (100°C), mm ² /s	35	ASTM D445
Density (20 °C), kg/m ³	1000	ASTM D4052
Total Base Number, mg KOH/g	160	ASTM D2896
Ca Content, m%	5.6	ASTM D4951
S Content, m%	2.4	ASTM D1552
Water Content, m%	0.02	ASTM D95

●Features

Besides excellent performances, it has advantages of light chroma, low turbidity. Its compound 5w/30SJ grade oil in 7.2% dosage SJ Gasoline oil additive package has passed MS III E, VE, IID, CRCL-38 engine bench assessment test and all lab tests requested by API SJ Gasoline engine oil.

●Package, Storage and Transportation

It shall be packed in iron barrel, 200L/barrel or packed according to the customer's requirements. Suitable for container or automobile. 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. In case of accidental contact with skin, wash it off thoroughly with water and detergents.