



Medium Base Calcium Alkyl Salicylate T109B (150TBN)

●Product Introduction

As a popular Lubricant Additive Component, Medium Base Calcium Salicylate is produced by using alkyl phenol and calcium hydroxide as raw materials, the nanometer calcium alkyl salicylate with alkali value of about 160 mgKOH/g was prepared by optimizing the reaction conditions of neutralization, carboxylation and high alkalinity under the introduction of specific accelerant, certain temperature and pressure. Compared with the traditional production process, this process can obviously reduce the production process and reduce the production cost without using strong acid and strong alkali. At the same time, the performance of the product meets the requirements of modulating high-grade oil products.



It can be prepared with Corrosion Inhibitor ZDDP, Antiwear EP Additive, Ashless Dispersant, High Temperature Antioxidant, TBN Booster Calcium Sulfonate, Rust Preventative Anti-rust Additive, Pour Point Depressant, ect., to blend different types of Additive Package, including 4T Motorcycle Oil Additive Package, Package, Hydraulic Oil Additive Package, Gear Oil Additive Package, PCMO Gasoline Engine Oil Additive Package, HDEO Diesel Engine Oil Additive Package, ect.

●Product Technical Index

Item	Index	Test Method
Appearance	Brown Clear Liquid	Visual Inspection
Flash Point (COC), °C	≥180	GB/T3536, ASTM D92
Kinematic Viscosity (100°C), mm ² /s	≤50	GB/T265, ASTM D445
Density (20°C), kg/m ³	900-1100	GB/T2540, ASTM D4052
Total Base Number, mgKOH/g	160-175	SH/T0251, ASTM D2896
Ca Content, m%	5.8-6.4	GB/T17476, SH/T0270, SH/T0297, ASTM D4951
Water Content, m%	≤0.05	GB/T260, ASTM D95
Mechanical Impurities, m%	≤0.1	GB/T511, ASTM D473

●Package, Storage and Transportation

The product is packed with iron drums with 200kg, or other packing methods consulting with clients. Suitable for container transport and truck transport. The temperature of storage shall not exceed 45°C. This product is not flammable, explosive, non-corrosive, in the safety, environmental protection, use and other aspects of the general petroleum products, without special protection. Avoid contact with strong oxidant. The shelf life of product is 2 years. Avoid contact with eyes or skin. In case of contact, wash immediately with potable water and detergent.