

PRODUCT DATA SHEET

PXM1440 Organic Molybdenum Friction Modifier

●Product Introduction

PXM1440 is molybdenum dialkyl dithiocarbamate(MoDTc).This product is a liquid organic molybdenum friction modifier, good chemical stability and thermal stability, Outstanding anti-friction and anti-wear performance, It can also be used as an antioxidant additive. Used in internal combustion engine oils, industrial oils and greases, can greatly improve its tribology property.

●Product Technical Index

Item	Quality Index	Test Method
Appearance	Brown liquid	Visual Inspection
Density, 20°C,kg/m ³	1000-1050	ASTM D4052
Water,%	Max.0.10	ASTM D95
Mechanical impurities,%	Max.0.05	ASTMD473
Flash Point (COC),°C	Min.150	ASTM D92
Kinematic Viscosity, 100°C,mm ² /s	Report	ASTM D445
S Content, %	9.5-11.5	ASTM D1552
Mo Content, %	9.5-10.5	ASTM D4951

●Package, Storage and Shipment

Packed in 200 liters iron drum or according to user's requirement, suitable for different Transportation ways.

The maximum temperature of storage and transport in short time shall not exceed 75°C. If long-term storage, the highest temperature should not be higher than 45 °C and store in dry, clean and ventilated warehouse. Warranty is 2 years.

This product is non-flammable, non-explosive, and non-corrosive, no need special protection, In case of accidental contact with skin, wash it off thoroughly with water and detergent.