

GALX-OMC-1 Organic Molybdenum Compound

Molybdenum Dialkyl Dithiophosphate/MoDDP/MoDTP

Cas No: 72030-25-2

Description

GALX-OMC-1 is a new technically advanced friction reducer in order to meet the requirements of CF-5 vehicle engine oils that Phosphorus content should be within 0.05%. GALX-OMC-1 could provide the oils with excellent anti-wear, friction-reduction, antioxidation and noncorrosive performances. Organic Molybdenum also has good synergistic effects with other EP antiwear additives. Without Nitrogen element, it could reduce its content in lubricating oils. With the small dosage, GALX-OMC-1 could perform excellent anti-wear and friction-reduction properties. This product could be used in internal combustion engine oils, industrial oils, gear oils and lubricating grease.

Key Performance Benefits

- Higher Molybdenum content
- Lower Phosphorus content
- Excellent friction-reducing property
- Good EP/AW and antioxidation performance

Application

- ◎ Used in internal combustion engine oils, industrial oils, gear oils and lubricating grease.
- ◎ Its recommended dosage is 0.2-3.0%

Characteristics

Item	Typical Value	Test Method
Density(20℃), g/cm3	0.9-1.1	ASTM D1298
Kinematic Viscosity (100℃), mm2/s	18-35	ASTM D445
Molybdenum mt%	6.5-10.5	Spectrophotometry
Phosphorus, m%	2min	ASTM D1091
Sulfur,m%	6min	ASTM D129
Flash Point (COC), °C	160min	ASTM D92

Foreign Similar Products

Sakuralube 300, MOLYVAN L and RC 3580

Packing: 200 liter metal drum (net weight: 200kg/drum)

Shelf Life: 2 years, stored in dry, clean and well ventilated warehouses, lower than 55°C.