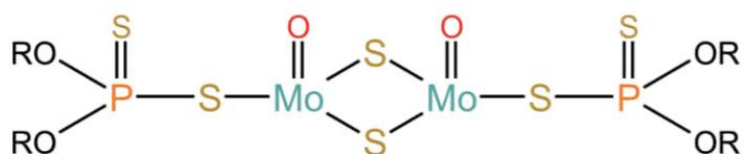


MSAIL® 300L as a liquid organic molybdenum friction modifier containing sulfur and phosphorus, it can greatly reduce the friction coefficient of oil products, and has multiple functions such as extreme pressure, anti-wear and anti-oxidation. It is widely used in internal-combustion engine oil, various industrial lubricants, pure oil metalworking fluid, grease, etc.

CHEMICAL COMPOSITION



Molybdenum dithiophosphate (MoDTP)

CAS No.: 72030-25-2

TYPICAL PROPERTIES

Test Item	Typical Data	Method
Appearance	Brownish liquid	Visual inspection
Density at 20°C, g/cm ³	1.05	GB/T 1884-2000
Flash point open cup, °C	162	GB/T 3536-2008
Molybdenum content, %	9.1	NB/SH/T 0824-2010
Sulphur content, %	11.3	NB/SH/T 0824-2010
Phosphorus content, %	3.2	NB/SH/T 0824-2010

Note: The above analytical data are not specifications

PERFORMANCE CHARACTERISTICS

- High molybdenum content, low phosphorus content
- Less odor, better oil solubility
- Excellent friction-reducing and anti-wear performance, excellent synergistic performance

APPLICATION

- Internal-combustion engine oil
- Various industrial lubricating oils
- Pure oil type metalworking fluid
- Lubricating grease

USAGE METHOD

- Added to the formulation directly and compatibility needs to be tested before adding
- Recommended treat level: 0.2-3.0%

RELATIVE PRODUCTS

- SAKURA LUBE 300, MOLYVAN L

PACKAGING AND STORAGE

Packaging	50kg plastic drum or 200kg steel drum (Net weight)
Storage conditions	Store in a cool, dry, well-ventilated warehouse

HANDLING INFORMATION

Avoid contact with skin, eyes and clothing. Operate in accordance with good industrial health and safety practices. Please refer to material safety data sheet (MSDS) for additional handling information on **MSAIL® 300L**.

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