UNPCHEMICALS

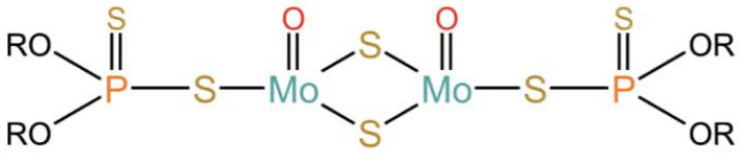
FRICTION MODIFIER

MSAIL® ORGANIC MOLYBDENUM SERIES

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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	Brown liquid	Visual inspection
Density at 20℃, g/cm^3	1.05	GB/T 1884
Flash point open cup, ℃	162.0	GB/T 3536
Molybdenum content, %	9.1	NB/SH/T 0824
Sulphur content, %	11.3	SH/T 0303
Phosphorus content, %	3.2	SH/T 0296

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

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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