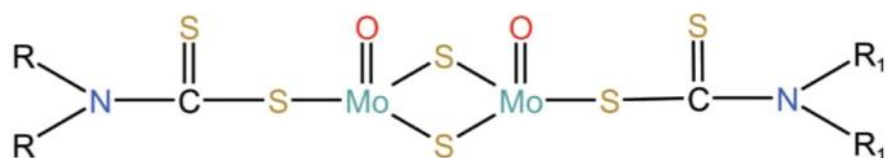


MSAIL® 525A as a non-phosphorus liquid organic molybdenum friction modifier, can greatly reduce the friction coefficient of oil products, and has many other functions such as anti-wear and anti-oxidation. It is widely used in internal-combustion engine oil, various industrial lubricating oils, pure oil metalworking fluid, grease, etc.

CHEMICAL COMPOSITION



Molybdenum dithiocarbamate

CAS No.: 253873-83-5

TYPICAL PROPERTIES

Test Item	Typical Data	Method
Appearance	Brown green liquid	-
Density at 20°C, g/cm ³	1.05	ASTM D1298
Viscosity at 100°C, mm ² /s	27.1	ASTM D445
Flash point open cup, °C	135	ASTM D92
Molybdenum content, %	10	ASTM D4951
Sulfur content, %	11	ASTM D4951
Nitrogen content, %	1.5	ASTM D5291

Note: The above analytical data are not specifications

PERFORMANCE CHARACTERISTICS

- High molybdenum content, no phosphorus content
- High hydrolysis stability, high thermal stability
- Less odor, good oil solubility
- Excellent friction-reducing performance, anti-wear, anti-oxidation performance
- Excellent synergistic performance

APPLICATION

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

USAGE METHOD

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

RELATIVE PRODUCTS

- SAKURA LUBE 525

PACKAGING AND STORAGE

Packaging	50kgs or 200kgs / 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® 525A**.

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