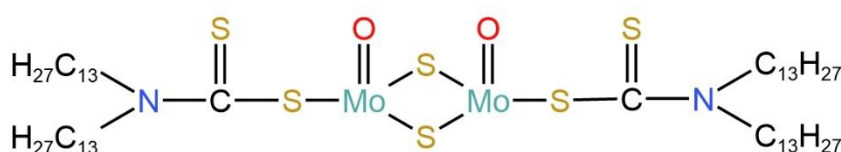


MSAIL® 525B as a non-phosphorus long chain dialkyl dithiocarbamate molybdenum friction modifier, can greatly reduce the friction coefficient of oil products, and has many other functions such as anti-wear and anti-oxidation. It is widely used in internal-combustion engine oil, various industrial lubricating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

CHEMICAL COMPOSITION



Molybdenum alkylthiocarbamate

CAS No.: 71342-89-7

TYPICAL PROPERTIES

Test Item	Typical Data	Method
Appearance	Brown liquid	-
Density at 20°C, g/cm ³	1.02	GB/T1884-2000
Viscosity at 100°C, mm ² /s	38.0	GB/T 265-1988
Flash point open cup, °C	143.0	GB/T 3536-2008
Molybdenum content, %	10.0	NB/SH/T 0824-2010
Sulfur content, %	10.7	NB/SH/T 0824-2010

Note: The above analytical data are not specifications.

PERFORMANCE CHARACTERISTICS

- High molybdenum content, no phosphorus content
- High hydrolysis stability, high thermal stability
- Less odor, excellent 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

- MOLYVAN 3000

PACKAGING AND STORAGE

Packaging	40kgs 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® 525B**.

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