

POUPC1002 Friction Modifer

Description: POUPC1002 is a liquid organic Molybdenum compound. It can function as a Friction Modifer, EP/Antiwear agent and Antioxidant in engine oils, industrial oils and greases. It has gained wide appeal in engine oils because of absence of Phosphorus and superior performance.

Chemical name: Molybdenum Diakyldithiocarbamate(MoDTC)

Chemical structure:

 $= \frac{\underset{\substack{|| \\ R_1 \searrow N-C-S-Mo} \frown O(S) \searrow Mo-S-C-N}{\overset{|| \\ Mo-S-C-N \frown O(S) \frown Mo-S-C-N} \overset{R_3}{\searrow}}$

Cas No: 253873-83-5

Treat level: Lube oils : 0.2-1.0% Greases : 1.0-3.0%

Highlights:Higher Molybdenum contentFree of Phosphorus

Excellent friction-reducing property Good EP/AW and antioxidation performance.

Properties:

Item	Specification	Test method
Appearance	Breen liquid	
Solubility	Soluble in lubricant bases	
Density (20°C) g/cm ³	1.00-1.05	GB/T2540
Flash point (COC) °C	>130	GB/T3536
Мо %	9.5-10.5	SH/T0749
S %	10.0-13.0	SH/T0749

Packaging: 200kgs/drum(net weight)

Storage information: Not dangerous chemical. Kept under cool, dry and well ventilated warehouses.

For more information, please refer to the relevant MSDS.

Information presented above is based on our tests and considered to be dependable, but the user should determine for himself the product's suitability for a specific purpose.