ZHENGZHOU CHORUS LUBRICANT ADDITIVE CO.,LTD

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T1102 Molybdenum Diakyldithiocarbamate(MoDTC)

•Desription:

T1102 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:

$$\begin{matrix} S & S(O) & S(O) & S \\ R_1 & || & || & O(S) & || & || & R_3 \\ R_2 & N - C - S - Mo & O(S) & Mo - S - C - N & R_4 \end{matrix}$$

Highlights:

Higher Molybdenum content (powder)

Free of Phosphorus

Excellent friction-reducing property

Good EP/AW and antioxidation performance.

• Product Technical Index

Item	Index	Test Method
Appearance	Breen Liquid	
Soluility	Soluble in lubricant bases	1
Density (20°C), g/m ³	1.00-1.05	GB/T2540
Flash Point(COC) °C	>130	GB/T3536
Mo %	9.5-10.5	SH/T0749
S %	10.0-13.0	SH/T0749

• Package, Storage and Transportation

200kgs/drum(net weight)