



TECHNICAL DATA

M-598 MOLY SYNTHETIC HIGH TEMPERATURE CHAIN LUBRICANT

FEATURES:

M598 is a unique chain & cable fluid with superior hydrodynamic film adhere on metal surface.

- * Excellent penetration power.
- * Anti Rust and Corrosion.
- * Stay put and adhesive, even under high load and high speed.
- * Friction modifier, Molybdenum Disulfide (MOLY) reduces wear.
- * Excellent thermal stability to temperatures fluctuation.

PRODUCT INFORMATION

M598 Applicable and ensures its effective performance to chain, cable, rollers and conveyor in industrial plants, contractors equipment and agricultural equipments, etc. the additives will form a protective films on the moving part to prevent premature wear. The high quality medium VI base oil, fluidity enough to reach internal surface, but sufficient to maintain an oil film under load pressure. It is ideally suitable for both manual application or units fitted with automatic oilier.

EXCELLENT PENETRATION POWER: **M598** fluidity allow it to penetrate deep into links and strands to help to eliminate internal wear and friction, but adhere enough to avoid splatter from chains in motion.

THERMAL STABILITY: **M598** maintain its lubricating properties, even exposed to elevated temperatures over extended periods, it will not form any varnish, carbonaceous gum or sludge. Field performance shows superior lubrication at ambient high temperatures.

ANTI-CORROSION: Airborne contaminants or conveyed materials coming in direct contact with chains & cable are the most troublesome problems. Grit, dust, acids and moisture will promote wear and corrosion. Adhesiveness over the entire chain & cable surface helps to protect against dirt and rust.

ANTI-WEAR: Major problems in chain operation are (1) wear, (2) noise, (3) links climbing over teeth, (4) links sticking, (5) whip, and (6) stiffening. **M575's** moly is an insurance factor remain in place, reducing metal - to - metal contact, therefore prevent the above mention problems happen.

REDUCE INVENTORY: Versatility, one oil for many uses.



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TYPICAL SPECIFICATION

ISO GRADE	68	100	220
SAE GRADE.....	20	30	90
GRAVITY, °API.....	23.7	24.1	24.7
FLASH POINT, ° C.....	440	450	485
FLASH POINT, ° C.....	226.6	232.2	251.6
FIRE POINT, ° F.....	315	325	365
FIRE POINT, ° C.....	251.6	257.2	279.4
POUR POINT, ° F.....	-10	-10	5
POUR POINT, ° C.....	-23.3	-23.3	-15
VISCOSITY:			
SUS @ 100 ° F.....	340	527	1165
SUS @ 210 ° F.....	52	59	95
CSt @ 40 ° C.....	68	100	220
CSt @ 100 ° C.....	7.6	9.6	18.6