

Product Data Sheet

MT-10 Metal Treatment™

Automotive Applications

Muscle MT-10 . . . The Original Metal Treatment™

General Information

- Advanced technology, antifriction lubricant additive
- Recommended for all personal, fleet & commercial automobiles & trucks
- A blend of high-quality, petrochemical products
- Contains no PTFE, silicone, graphite, moly or solid lubricants
- Recommended for use in all petroleum oils & most synthetics

MT-10 Metal Treatment™ is one of the leading friction-reducing additives in the world. This product creates a chemically-induced boundary film of protection that withstands extreme pressures and dramatically reduces friction.

MT-10 is the keystone of the MPC line of specialty lubricants, additives and grease. It is especially recommended for use in lubrication systems where there is a concern for extra protection from extreme pressure, friction-related heat and high-wear conditions.

Carried to the moving, metal parts by the lube to which it is added, MT-10 smoothes and seals metal surfaces to reduce friction and heat. The results are less wear and smoother operation with no danger of build up or changes in tolerances.

Key Features & Benefits

- Lowers operating temperatures
- Increases horsepower & engine performance

- Increases transmission performance & efficiency
- Reduces oil consumption
- Extends the life of lubricated metal parts – eliminates premature failure with improved lubrication
- Protects against friction-related heat & wear
- Reduces maintenance & repair costs

Typical Applications

- Engine
- Transmission – automatic & standard
- Power steering/rack assembly units
- Differential

Availability

- 8-oz. & 16-oz. bottles
- 1-gallon & 5-gallon containers
- 15-gallon & 55-gallon drums
- Tote bins & other bulk containers upon request

Directions for Use

- Engines: Add 8 oz. of MT-10 to 4-6 quarts of oil in crankcase. For larger engine oil reserves, add 1.5 to 2 oz. of MT-10 per each quart of oil.
- Automatic Transmissions: Add 8 oz. of MT-10 through the fluid tube. For larger transmissions, i.e., Allisons, add 1.5 oz. of MT-10 per every quart of transmission fluid.

- Standard Transmissions: Add 1 oz. of MT-10 per every pound of gear lube.
- Power Steering/Rack Assembly Units: Add 1.5 oz. of MT-10 per each quart of fluid.
- Differentials: Remove 4 oz. of lube & replace with 4 oz. of MT-10 for standard-size vehicles. For larger differentials, i.e. trucks, add 1 oz. of MT-10 per every pound of gear lube.

Typical Properties

Boiling Point 335°F (168°C)
 Flash Point 315°F (157°C) D93
 Autoignition Temperature 603°F (317°C)
 Specific Gravity @ 60°F, g/cm³ 1.0575
 Vapor Pressure < 0.010 PSI
 Viscosity @ 40°C, cSt 125.42
 Viscosity @ 100°C, cSt 10.86
 Viscosity Index 48.28
 Timken Extreme Pressure OK Load 60+
 Freezing Point - 1.5°F (- 18.6°C)
 VOC Content 0%
 Odor Mild petroleum
 Color Light amber
 Appearance Low viscosity liquid
 Solubility in Water Insoluble

Health & Safety


CAUTION! May cause eye and skin irritation. Aspiration hazard if swallowed – can enter lungs and cause damage.

WARNING! Slipping hazard if spilled.

Consult Material Safety Data Sheet (MSDS) for additional information.

U.S. DOT Freight Classification

- Identification Number: Not regulated.
- Proper Shipping Name: Lubricant oil.
- Hazard Class: Not applicable.
- Packing Group: Not applicable.



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