



Metal Treatment MT-10®

*MT-10® is engineered to **treat the metal...not the oil***

Automotive Applications

Key Features & Benefits

- Polishes, seals and protects metal surfaces of bearings, pistons, cam, crankshaft, lifters, gears and all other internal, moving metal parts
- Reduces friction-related heat and wear
- Enhances engine performance
- Optimizes transmission performance
- Lowers operating temperatures
- Increases horsepower
- Reduces oil consumption
- Improves fuel mileage
- Extends equipment life by improved lubrication
- Reconditions rack piston and cylinders to return smooth and easy operation
- Reduces maintenance and repair costs
- **Treats the metal – not the oil** – by improving metal surface characteristics
- Will not build up or change tolerances

Typical Applications

- Engines – gasoline, diesel and natural gas
- Transmissions – automatic and standard
- Differentials
- Power steering / rack assembly units

Directions for Use

Engines: Add 8 oz. of **MT-10®** to 4 to 6 quarts of oil in the crankcase every oil change. For larger engine oil reserves, add 1.5 oz. of **MT-10®** per each quart of oil.

Automatic transmissions: Add 8 oz. of **MT-10®** to transmission through fluid tube. For larger transmissions, i.e. Allison's, add 1.5 oz. to each quart of 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 every quart of fluid.

Differentials: Remove 4 oz. of lube and replace with 4 oz. **MT-10®** for standard-size vehicles (do not over fill). For larger differentials, i.e. trucks, add 1 oz. per each pound of gear lube. **NOTE:** Limited slip additive is still needed with the use of **MT-10®**.

*** NOTE:** *Not recommended* for use in Constant Variable Transmissions (CVT) and CVT fluids. Use *caution* if adding to shared engine, transmission and clutch fluid reservoirs. If the frictional plates of the wet clutch *contain metal* in the surface coating, **MT-10®** may cause clutch plate slippage due to the reduced friction.

Technical Data

Appearance	Light amber liquid	
Odor	Slight petroleum	
Freezing point	-18.6°C (- 1.4°F)	D2386
Pour point	-30°C (- 22°F)	D97
Initial boiling point	> 148.9°C (> 300°F)	D1120
Flash point	128.6°C (263.4°F)	D93
Vapor pressure	< 0.010 PSI	D5191
Specific gravity @ 60°F.....	1.086	D4052
Density @ 15°C	1.0856 g/ml	
API gravity @ 60°F	-1.2	
Lbs per gal (U.S.)	~ 9.059	
Solubility	Insoluble (water)	
Viscosity @ 40°C	165.26 cSt	D445
Viscosity @ 100°C	12.61 cSt	D445
Viscosity Index	50	D2270
Timken Extreme Pressure OK Load	60+	
Four-ball EP properties, LWI	246	D2783
Four-ball EP, Weld point, Kg	> 800	

The above properties are typical values and do not constitute a product specification.

Container Availability

Item MT-10-8	8-oz. bottle (236 mL)
Item MT-10-16	16-oz. bottle (473 mL)
Item MT-10-128	1 U.S. gallon (3.7 L)
Item MT-10-5G.....	43 lbs net wt / pail
Item MT-10-55G.....	485 lbs net wt / drum

Transportable tank / bulk containers available upon request.

