



## Metal Treatment MT-10<sup>®</sup>

*MT-10<sup>®</sup> 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<sup>®</sup>** 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<sup>®</sup>** per each quart of oil.

Automatic transmissions: Add 8 oz. of **MT-10<sup>®</sup>** to transmission through fluid tube. For larger transmissions, i.e. Allison, add 1.5 oz. to each quart of fluid. **NOTE:** Do *not* use **MT-10<sup>®</sup>** in ATV automatic CVT transmissions with EBS (Engine Braking System). The EBS relies on metal-to-metal

friction to work properly and slow down the ATV.

Standard transmissions: Add 1 oz. of **MT-10<sup>®</sup>** per every pound of gear lube.

Power steering / rack assembly units: Add 1.5 oz. of **MT-10<sup>®</sup>** per every quart of fluid.

Differentials: Remove 4 oz. of lube and replace with 4 oz. **MT-10<sup>®</sup>** 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<sup>®</sup>**.

#### 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.....	5 U.S. gallon (18.9 L)
Item MT-10-55G.....	55 U.S. gallon drum (208 L)

*Transportable tank and other bulk containers are available upon request.*

