

Polychem

GAT NO: 399/1-2,PLOT NO 5 ,VILLAGE-BHARE,POST-GHOTAWADE,TALUKA,MULSHI,DISTRICT- PUNE - 412115
Cell No: +91-9850834579,Email: information@polychem.co.in website: www.polychem.co.in

PRODUCT DATA SHEET

1.IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY	
NAME OF THE PRODUCT	POLY MT 10
DESCRIPTION	<ul style="list-style-type: none"> 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 POLYMT-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. 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, POLYMT-10 smoothes and seals metal surfaces to reduce friction and heat. This results in less wear and smoother operation with no danger of build up or changes in tolerances.
SPECIAL FEATURES	<ul style="list-style-type: none"> Lowers operating temperatures Increases horsepower & engine performance Increases transmission performance & Power Steering/Rack Assembly Units: Remove 240 ml. of existing fluid & replace with 240 ml. of POLYMT 10.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
APPLICATIONS	<ul style="list-style-type: none"> Engine Transmission – automatic & standard Power steering/rack assembly units Differential
ADVANTAGES	<ul style="list-style-type: none"> Reduces friction, heat & wear Reduces downtime & maintenance Reduces operating temperatures Increases equipment performance & efficiency Smooths, seals & protects all internal moving, contacting metal parts. Extends the service life of treated metal parts Environmentally friendly
DIRECTIONS FOR USE	<ul style="list-style-type: none"> Engines: Add 250 ml. of POLYMT 10 to 3.5 to 5.5 liters of oil in crankcase. For larger engine oil reserves, add 45 to 60 ml of P O L Y M T 10 per each liter of oil. Automatic Transmissions: Add 240 ml. of POLY MT 10 through the fluid tube. For larger transmissions, i.e., Allison, add 45 ml. of POLYMT-10 per every liter of transmission fluid. Standard Transmissions: Add 60 ml. of POLYMT 10 per every kilogram of gear lu Differentials: Remove 120 ml. of lube & replace with 120 ml. of POLYMT 10 for standard-size vehicles. For larger differentials, i.e., trucks, add 60 ml. of POLYMT

<p>TECHNICAL DATA</p>	<p>10 per every kilogram of gear lube.</p> <ul style="list-style-type: none"> Boiling Point: > 90^o C Flash Point:137^oC PMCC Specific Gravity @ 60^oF :1.08 Vapor Pressure (mm Hg) @ 25^oC< 1 Evaporation Rate (Butyl Acetate=1) ... < 0.01 Viscosity @ 40^o C SUS : 220 Viscosity @ 25^oC cps: 41 Timken Extreme Pressure OK Load60+ Auto ignition point > 540^o C Pour Point < -51^o C Odor : Aromatic petroleum Color :Milky amber Appearance: Light amber liquid Solubility in Water: Insoluble
<p>HOW DOES IT WORK?</p>	<ul style="list-style-type: none"> Carried to the moving metal parts by the oil or grease to which it is added, POLYMT 10 creates a boundary film. This film smoothes and seals metal surfaces to reduce friction and friction-related heat. This result's in less wear and smoother operation of the mechanism with no danger of build up or changes in tolerances. The end result is improved operation of the system. POLYMT 10 improves the overall tribological properties of the metal surfaces. Film strength is afunction of surface roughness and viscosity. The smoother the surface, the higher the film strength, while viscosity can be lower to improve fluid flow conditions. POLYMT 10-treated surfaces will increase fluid film strength, reducing friction, heat, wear and energy consumption. This returns efficiency and previously wasted energy back to the system for increased power. This process, combined with the physical surface improvement of the metals, steps up oil flow, reduces metal film strength, improves the shear strength of the base lubricant, and results in an overall reduction in friction and friction-related wear.
<p>PACKING & STORAGE</p>	<ul style="list-style-type: none"> 210 LITS PLASTIC BARREL. & Store in a cool, dry, wellventilatedplace. Use properly labeled and closable containers. Avoid direct sunlight, heat sources, and strong oxidizing agents.

SAFETY INFORMATION: - Although this product does not pose a significant hazard to health a good standard of hygiene and housekeeping should be protected when using all type of industrial safety materials. Refer MSDS of the product.