

# Polytron MTC Specifications

## Product Description:

POLYTRON Metal Treatment Concentrate (MTC) is a uniquely blended petroleum based formula that is used as a complementary additive package in all motor oils, gear oils and other lubricants.

POLYTRON MTC is a complementary additive package that through micro-metallurgical process forms (from the original metal) a durable polished-like micro - layer of metal that dramatically resists wear, extreme pressure and excessive temperature. Metal surfaces remain treated at all times which provides for immediate start-up lubrication. Friction is reduce by up to 90% and wear by up to 95%, which results in estimated extension of equipment service life of up to 900% and oil service life of up to 600%, plus major Improvement in performance and fuel economy.

POLYTRON MTC as a complementary additive package to motor oils has unique lubricating qualities that provide easy start-up at low temperature, better fuel economy, lower oil consumption and wear elimination under all driving conditions. POLYTRON MTC contributes to noise level reduction and lower operating temperature.

POLYTRON MTC is an excellent dispersant which holds sludge harmlessly in suspension while preventing the deposition of varnish and lacquer on engine parts in severe service. Oil filter life is improved and the PCV (Positive Crankcase Ventilation) valve remains free and clean. This quality also contributes to longer engine life and fuel economy. 10% of POLYTRON MTC will ensure complete clean-up of the engine from sludge and varnish thus ensuring very clean and smooth engine operation and cleaner exhaust gases.

POLYTRON MTC as a complementary package to transmission fluids, hydraulic oils, compressor oils etc., contributes to up to 95% reduction in wear, reduction in noise level and operating temperature. POLYTRON MTC is an excellent dispersant and moisture repellent. Its performance is not effected by moisture dirt and abrasive dust.

## Typical Uses:

- Recommended for motor oils in passenger cars, light duty pickups, motorcycles and other gasoline engines. Motor oils in Diesel Engines of Heavy Duty Trucks and other heavy duty equipment.

Engines of: Cummins, Caterpillar, Fiat-Allis, Ford, GMC, Isuzu, John Deer, Mack, M.A.N., Mercedes-Benz, Mitsubishi, Scania, Volvo, and others.

- Transmission Fluids.
- Hydraulic Oils.
- Compressor oils.
- Refrigeration oils.
- Arbor and form oils.
- Ways oils.
- CP oils.
- Gear oils.
- Cutting oils.

## Typical Inspections

ASTM Test		
Specific Gravity, 60/60	D-287	0.981
Flash Point, °F / °C	D-92	324 / 162
Viscosity:		
cSt @ 40° C	D-445	101
cSt @ 100° C	D-445	10.2
Viscosity Index	D-2270	137
Color	D-1500	3.0
Ash (Wt.%)	D-874	0.5
TBN	D-2896	6.0