

SILTEC

M600

SUPER HIGH PERFORMANCE LUBRICANT – ANTI-FRICTION FOR OILS

THE PROFESSIONAL RANGE

TRUCKS - CARS - MOTORBIKES – BOATS - GO-KARTS

DESCRIPTION

M600 ECO is a super lubricant with high lubrication properties and high chemical and thermal stability.

M600 ECO is compatible with all mineral oils, detergents, and synthetic oils, as well as chlorinated hydrocarbons. Only graphite oils are incompatible.

M600 ECO achieves 93% thermal and mechanical efficiency.

M600 ECO is not an additive because it does not modify the molecular structure of oils.

M600 ECO does not pose a risk regarding the loss of guarantee of your equipment. Due to its molecular structure, **M600 ECO** cannot clog your filters. Engine oils have a pull-out resistance of between 2 and 5 kg/mm². With **M600 ECO**, the pull-out resistance is 160 kg/mm².

The thermal stability of oils is typically between 200°C and 260°C.

The thermal stability of oils with **M600 ECO** added is from -60°C to +650°C.

The benefits of **M600 ECO** for your industrial applications are the following:

- Reduced friction coefficients on all surfaces covered in oil treated with **M600 ECO**.
- Significantly reduced power loss of your industrial equipment through significantly reduced internal friction: thermal engines, compressors, casings, power transmission components, gear boxes, couplers, machine tools, treatment of static and hydrodynamic bearings.
- Stabilisation due to reduced local warming phenomena (provided there is no irreversible local damage to mechanical components). Thermal and mechanical performance obtained is in the order of 93%.
- Reduced noise emission from power transmissions.
- Extended life of oil through permanent elimination of aqueous compounds.
- Reduced maintenance costs: less deterioration of components, less frequent oil changes.
- Possible use as a super lubricant for metal cutting.
- No risk of filter clogging.

ADVANTAGES

Why using M600 ECO when oils are more efficient nowadays?

The best oil in the world is only efficient when it is present. It has been proven that 80% of engine deterioration takes place during start-up. Complete pressurisation of an oil circuit requires 3 to 5 seconds. During this time, metal/metal contact generates abrasion. **M600 ECO** provides a long-lasting local friction coefficient for parts in contact, thus reducing deterioration and power loss.

- **M600 ECO** doubles the time period between oil changes.
- Significant anti-deterioration properties in oils being treated, a water-repellant product.
- Prevention of overheating, over-revving and blocking guaranteed.
- Considerable cooling reduction of moving parts, subject to high loads and high pressures.
- Provides good lubrication at low and high temperatures.

INSTRUCTIONS

Shake the formula well to obtain perfect homogeneity.

To be used in a vehicle:

Run the engine for 10 minutes before adding **M600 ECO** for the first time.

Engine treatment: add 2% of **M600 ECO** to oils depending on the case.

Doses can be doubled without any drawbacks for sport driving, competitions and rally conditions: 4% of **M600 ECO**.

It is perfectly normal to notice a large amount of steam appearing. (Evaporation of traces of aqueous components in the oil).

Industrial use:

Incorporate the product after initial testing of industrial equipment (at least 50h of functioning).

Incorporate **M600 ECO** in one go in the hot oil, ideally at the nominal operating temperature of the oil adapted to the equipment (90-100°).

Complete protection of surfaces takes place after 30 mins of operation. No need to increase the dose for a remedial treatment of local heating.

Dosing: 2% to be added to the oil.

Remedial mode: in the event of blocking parts, **M600 ECO** is used in its pure state. (Without oil)

M600 ECO treats all mechanical devices operating in severe conditions: air compressors, reducers, gear boxes, thermal engines, gas engines, combustion engines, etc.

You are strongly advised to use **M600 ECO** in mechanisms using friction forces such as oil bath clutches, automatic gear boxes, brakes and limited-slip differentials.

PRECAUTIONS

For professional use. Consult the MSDS (upon request only).

The information in our brochures, letters, reviews and reports is provided to advise you especially regarding testing that has been carried out, with an ongoing concern for objectivity and without any commitment on our part.

PACKAGING

Box 24 x 100 ml.

Box 4 x 5 L.

Drums 30L-60L-210L.



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