
VOLTRONIC® E30 Engine Protector (ZF-222)

VOLTRONIC® E30 ENGINE PROTECTOR is advance TRIBOLOGY ENGINEERING developed special formulated ZF (ZERO-FRICTION) additive where contains no PTFE (Teflon), Graphite, Molybdenum or silicone. When admit around 5% (weight) dosage into the oil create very strong anti friction film to prevent wear and metal breakdown during high temperature and high stress working.

VOLTRONIC® E30 can be mix with all kind of oils, synthetic or mineral base. It's fully recommended for personal fleet, commercial fleet and industrial machinery.

Country of Origin

Germany

Accreditation / approval

DIN EN ISO 9001:2000

Physical & Chemical Properties

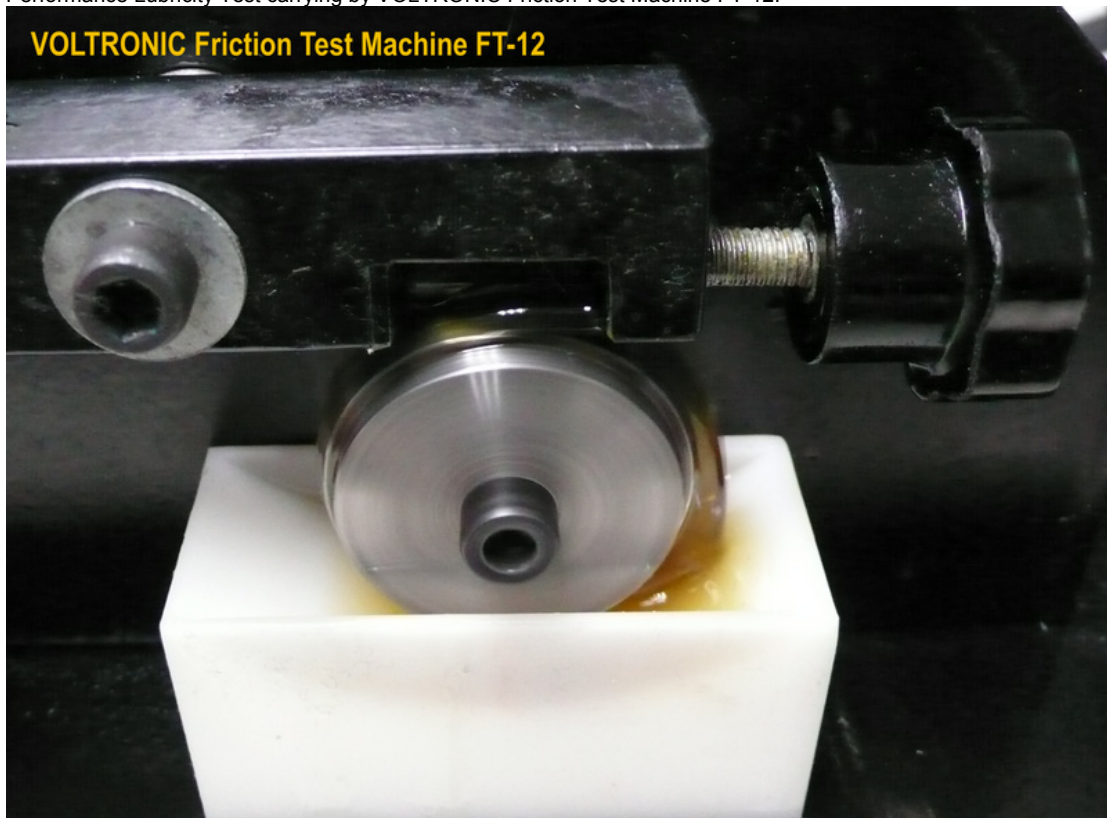
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|------------------------|---|
| State | : Oil (Liquid) |
| Color | : Cream |
| Odor | : Characteristic odor (petroleum) |
| Evaporation rate | : Negligible |
| Solubility in water | : Insoluble |
| Viscosity | : Viscous |
| Viscosity value | : 2820 |
| Viscosity test method | : Kinematic viscosity in 10-6 m ² /s at 40°C (ISO 3104/3105) |
| Boiling point/range °C | : >380 |
| Flash point °C | : > 230 |
| Vapor pressure | : < 1mm HG |
| Relative density | : 1.06 |

Key Features

Provide strong anti-friction film, protect from metal to metal contact during high temperature and high stress. Reduce noise, vibration and temperature.

Performance Lubricity Test

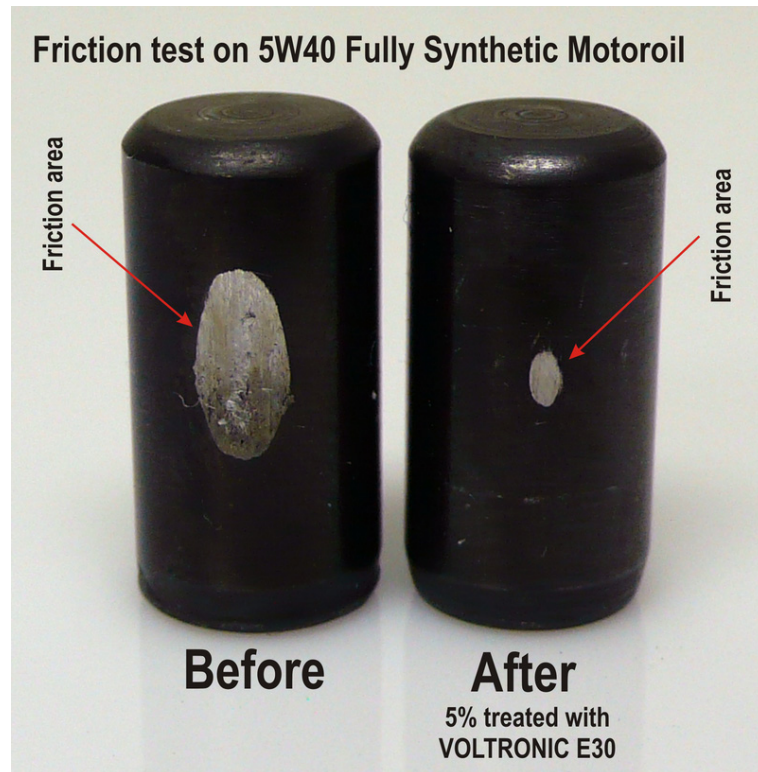
Performance Lubricity Test carrying by VOLTRONIC Friction Test Machine FT-12.



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Test parameter

Test machine : VOLTRONIC FT-12 Friction Test Machine.
Location : Germany.
Lubrication : 5W40 Fully Synthetic Motoroil.
Load force : Approx. 100 KgF.
RPM : 1200 RPM.
Pin material : Hardened carbon steel 1045 (45 carbon).
Treatment : 5% weight by VOLTRONIC E30 ENGINE PROTECTOR.



Application

Application area:

- Engine (personal, commercial and industrial fleet).
- Manual transmission gearbox.
- Differential and final driven gear.
- Industrial gear, big gear box, i.e. cement, steel mill & etc.
- Heavy duty / military spec. gearbox.

Packaging

250 ml, 280 ml, 5 L, 25 L, 200 L and 1000 L tote IBC.

Direction of use

Dosage 5% weight mix with oil lubricants.
Suitable for mineral base and synthetic base oils.
Observe dosage for maximum result.

Manufactured and packed in Germany by



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