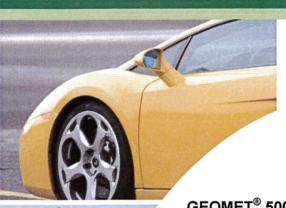
GEOMET® 500



A unique product for optimal friction and anticorrosion performance

GEOMET[®] 500 is applied to fasteners and many type of metallic parts to protect from corrosion, and it is used in many industries

- Thin dry-film, non-electrolytic, self-lubricated
- Water-based chemistry
- Passivated zinc and aluminium flakes in a binder, patented chemistry
- Chrome free alternative to DACROMET® 500
- Metallic silver appareance

Characteristics and performance*

- Coefficient of friction: 0,15 ± 0,03 (ISO 16047)
- No topcoat required
- No hydrogen embrittlement
- Excellent assembly and multi-tightening behavior
- Good mechanical damage (test method D24 1312, USCAR 32) and chemical (test VDA 621-412) resistance
- Performance maintained at elevated temperatures (up to 300°C)
- Paintable coating
- Electrical conductivity for most application
- Bimetallic compatibility with aluminum
- Application cost savings

High corrosion resistance*

Coating Weight	Salt Spray Test (ISO 9227 / ASTM B117)	Cyclic Test
Grade A > 24 g/m ²	> 240 hours without white rust > 720 hours without red rust	25 cycles APGE
Grade B > 36 g/m ²	> 240 hours without white rust > 1000 hours without red rust	6 cycles ACT 50 cycles APGE

^{*} Results may vary depending on substrate, geometry of parts and type of application processes





