

PLUS[®] XL, L, VL, ML, M, 10



Worldwide trusted and proven performance



The PLUS[®] brand of topcoats are lubricated sealers. When applied to DACROMET[®] or GEOMET[®] base-coats, they provide controlled friction coefficient of threaded parts and increase the resistance to corrosion. The controlled sacrificial corrosion protection mechanism of DACROMET[®] and GEOMET[®] is improved further with the PLUS[®] topcoats.

Characteristics and performance*

- Friction coefficient on GEOMET[®] 321 base-coat (ISO 16047)

PLUS [®] XL	:	0.06 – 0.09
PLUS [®] L	:	0.08 – 0.14
PLUS [®] VL	:	0.09 – 0.14
PLUS [®] ML	:	0.10 – 0.16
PLUS [®] M	:	0.12 – 0.18
PLUS [®]	:	0.14 – 0.20
PLUS [®] 10	:	not lubricated

- Appearance: matte metallic silver (clear topcoats)
- Salt Spray Test according to ISO 9227 / ASTM B117
 - GEOMET[®] 321/500 + PLUS[®] XL, L, VL, M, ML, 10 > 720 hours without red rust (with a GEOMET[®] 321/500 coating weight > 24 g/m²)
- Increased field performance of parts
- Improved contact corrosion resistance (to magnesium, rubber, aluminum, etc)
- Excellent resistance to solvents, fuels and brake fluids (VDA 621 412)
- Competitive production cost

Application process

These water-based inorganic products can be applied by Dip-Spin, Spray, Dip-Drain-Spin, using bulk or rack

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



**NOF METAL COATINGS
GROUP**



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Health and Safety

- Aqueous dispersion
- Complies with REACH
- Complies with the 2000/53/CE and 2002/95/CE directives

Main worldwide specifications

- PLUS® XL : PSA (B15 3320)
RENAULT (on drawings)
CHRYSLER (PS 9666)
- PLUS® L : CHRYSLER (PS-5873)
FIAT (Cap. 9.57513)
GENERAL MOTORS (GMW14)
IVECO (18-1101)
CATERPILLAR (1E1675G)
JOHN DEERE (JDM F13)
- PLUS® VL : BMW (GS 90010)
DAIMLER (DBL 9440)
OPEL (GMW 3359)
PORSCHE (PTL 7529)
RENAULT TRUCKS (01.71.4002)
VOLKSWAGEN Group (TL 245)
- PLUS® ML : FIAT (Cap. 9.57513)
FORD (WX 100 S438)
GENERAL MOTORS (GMW 3359)
IVECO (18-1101)
- PLUS® M : FIAT (Cap. 9.57513)
IVECO (18-1101)
RENAULT (01-71-002)
RENAULT TRUCKS (01.71.4002)
- PLUS® 10 : HONDA
NISSAN
PORSCHE (PTL 7529)
SUZUKI
VOLKSWAGEN Group (TL245)

International standards

EN ISO 10683 - Fasteners: non-electrolytic zinc flake coatings

EN 13858 – Non-electrolytic zinc flake coatings on iron and steel parts

