MAGNI 565 FASTENER COATING

Magni 565 is a chrome-free duplex coating that combines an inorganic zinc-rich basecoat with an aluminum-rich organic topcoat. Formulated as a two-coat system and resistant to automotive fuels and fluids, Magni 565 is the preferred fastener coating of leading global automotive manufacturers. It provides superior corrosion protection and cost-effectiveness and is typically applied to externally threaded fasteners, stampings and other hardware.

- Applied via dip-spin or spray application methods
- Alleviates hydrogen embrittlement concerns
- Excellent bimetallic corrosion resistance
- Paintable
- RoHS, WEEE and ELV compliant

PERFORMANCE DATA:

Coating thickness
- 5-8 microns (topcoat)
- over 8-10 microns (basecoat)

Coefficient of friction
- ISO 16047: 0.13 ± 0.03 (other levels available)

Color
- Gray; silver (other colors available)

Cyclic corrosion resistance
- GM9540P: 60 cycles
- SAEJ2334: 120 cycles
- Volvo VCS: 1027, 149: TBD

Salt spray
- ASTM B117: 480-1000 hours

OEM SPECIFICATIONS:

- Amonix: 90400026
- Arvin Meritor: P91
- ASTM: F2833, Grade 1
- BAE Systems: 3000099
- Bobcat: PS106A
- Case New Holland: MAT0320, Type 1, Class A
- Chrysler: PS-10378, PS-10633
- Cummins: 74045
- Daimler-Benz: DBL8440.20/22
- Delphi: DX44501804, DX45501804, DX551801
- Denso: DDS6700-008
- Dometic: 12-67 E2
- Fiat: 9.57513/Tipo IV
- GE: F69A4
- Genie Terex: GES 1326
- General Motors: GMW 3559, GM 7114M
- Honda: HES D2008-1
- ISO: 10683
- JLG: 4150701
- John Deere: JDM F13
- Land Rover: LRES.21.ZS.05
- International Truck: TMS-4518, Type I
- Nissan: NEM4601
- Porsche: PTL 7529
- PSA: B15 3320
- Renault Trucks: 01.7.1.4002/H
- Tacoma/US Army: 12469117
- Tesla: TM-0010F-M
- ThermoKing: TKS 10-002
- Trane: S.3201063A1
- TRW Automotive: TS 2-25-60, Class A
- Volkswagen: TL230Of-6330/Off-6350/Off-650
- Volvo: VCS5737.29, .19