

Why VG-170? How this formula is different.

VG-170 CORROSION PREVENTION COMPOUND

- A departure from traditional automotive “Under Coatings”
- A newly developed resin system that incorporates a blend of 3 separate cross-linking polymers in a binder to form a new multi-functional resin package
 - RESIN #1 For enhanced ADHESION and CORROSION control
 - RESIN #2 Limits MOISTURE ABSORPTION
 - RESIN #3 Increases FIRMNESS and FLEXIBILITY
- A blend of CORROSION INHIBITORS (6) are added to INCREASE CORROSION RESISTANCE, during the curing process they lay down barriers as the resin package COALESCES.

Why VG-170? (Continued)

VG-170 CORROSION PREVENTION COMPOUND BENEFITS

- Increased DENSITY
- Improved ADHESION
- Improved FLEXIBILITY
- Improved MOISTURE RESISTANCE
- Improved SOLVENT RESISTANCE
- HAPS free
- EXTREMELY LOW VOC
- Faster dry time
- One component product (NO MIXING)

Why VG-170? (Continued)

VG-170 CORROSION PREVENTION COMPOUND BENEFITS

- No Special Equipment Required
- No Separate Booth Required
- No Prop. 65 Prohibited Chemicals
- No Asphalt Compounds
- No Harsh Solvents
- NON-FLAMMABLE

VG-170 Performance – testing at Government Facility

VG-170 TESTING

Xenon Arc Weathering - 1,000 Hours

- PASS No Blisters

100% Humidity - 1,000 HOURS

- PASS No Blisters – No Rust – 5B Adhesion

Dry Adhesion

- PASS 5B

Flexibility

- PASS 1/8" Mandrel

Cold Flexibility

- PASS 5/8" Mandrel

Gravelometer Testing

- @70F - 7A / @10F - 8B

Pencil Hardness

- <6B

**All Tests
Conducted on
COLD ROLLED
STEEL
at 5.25mil
dried
thickness**

VG-170 Performance – testing at Government Facility

VG-170 TESTING

ASTM B-117

- Over 2,500 Hours

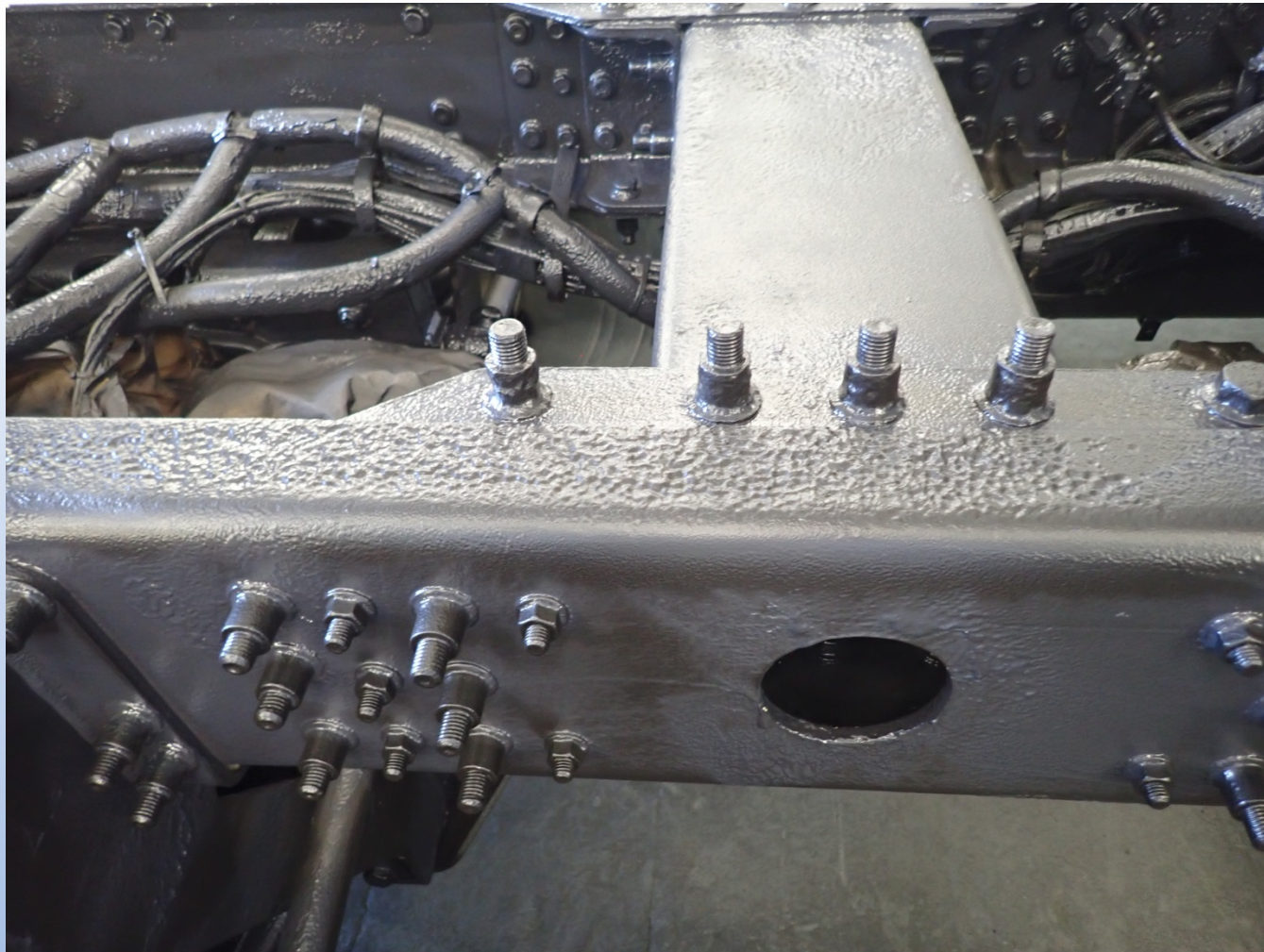
SAE J2334

- Over 1,800 Hours
- MAGNESIUM CHLORIDE and CALCIUM CHLORIDE added

A Comprehensive 2002 Colorado DOT Corrosion Study states...

...it is clear that SAE J2334 test is a significant improvement over existing tests. It is also noted that the ASTM B117 salt spray test results do not correlate well with real world performance.

VG-170 applied to Military Vehicle Frame





RUST!

Any Questions?

Contact Us here!!

