



PHOSPHATE SOLUTION, ZINC, PASSIVATION SOLUTION ph-REGULATION

WSS-M3B75-A

1. SCOPE

The material defined by this specification is neutralizing agent (ph-Regulator) for the phosphate system.

2. APPLICATION

This specification was released originally for material used as a neutralizing agent to control the acceleration of the zinc phosphate. These materials are applied to the phosphating or passivation bath.

3. REQUIREMENTS

3.1 STANDARD REQUIREMENTS FOR PRODUCTION MATERIALS

Material suppliers and part producers must conform to the Company's Standard Requirements For Production Materials (WSS-M99P1111-A).

3.2 MASS SPECTROSCOPY

Ford Motor Company, at its option, may conduct mass spectroscopy and/or other analysis of material/parts supplied to this specification. The results of the analyses established for initial approval shall constitute the reference standard and shall be kept on file at the designated material laboratory. All samples shall be the same composition as the reference standard when tested under the same conditions.

3.3 COMPOSITION

Supplier must maintain the following characteristics to a maximum tolerance of +/- 5 % of the initial sample or as reported with the initial sample. All other essential components must be reported with the initial sample and maintained as part of the Control Plan as required in para 3.1.

3.3.1 Chemical Composition

Major Component(s)	Initial Sample +/- 5 %
Density, kg/L at 25 °C (ASTM D 1475)	Initial Sample +/- 0.05 Kg/L

Date	Action	Revisions
2010 03 09	Revised	Updated and corrected title, Revised 1, 2, and 3.3.1 U. Mueller, EU
2002 07 31	Revised	Updated and renumbered
1998 06 24	Activated	

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3.4 RESISTANCE PROPERTIES

The material defined by this specification must be used with a phosphate system and in conjunction with the phosphate system must meet the requirements of WSS-M3P1-D.

3.5 MATERIAL COMPATIBILITY

The material must be compatible with all related materials, i.e., electrocoats, sealers, and adhesives. The supplier of this material shall keep abreast of changes in technology of related materials which may affect the compatibility and performance of this product. The supplier shall notify the appropriate Ford Product Materials Engineering Office in writing when incompatibility is anticipated

4. SUMMARY OF REVISIONS

2010 03 09

Updated and corrected Header, 1, 2, and 3.3.1

