

MATERIALS/ FUELS & LUB'S**FNHA-2-C-600.00****5. REQUIREMENTS****5.1 PHYSICAL AND ELECTRICAL**

The physical and electrical requirements for the lubricant shall be taken from Table 1.

5.2 SOLUBILITY

The specific compound is soluble in chlorothene, perchloroethylene, xylene, mineral spirits and methyl ethyl ketone (MEK). Care should be taken when diluting compound to assure product is in a well ventilated area and label directions should be followed. The compound is not soluble in water, methanol, ethanol, or mineral water.

5.3 INCOMPATIBILITY

The compound shall not be applied to a surface which is to be painted. Paint will not adhere to surfaces exposed to this compound. To remove this compound from a surface contaminated, parts must be wiped and washed with a solvent, washed with a detergent, or immersed in an alcohol potassium hydroxide solution and then rinsed in clear water before painting. The dimethyl silicone compound should not be applied to o-ring or parts made from silicone rubber because it will destroy the silicone. These compounds will also tend to swell natural rubber and butyl rubbers.

6.0 APPROVAL OF MATERIALS

Materials defined by this specification must have prior approval by the responsible Materials Engineering Activity. Suppliers desiring approval of their materials shall first obtain an expression of interest from the effected Purchasing, Design, or Materials Engineering Activity. Upon request, the Supplier shall submit to the affected Materials Engineering Activity its own laboratory report to the specification (test results, not nominal values), the material designation and code number, and test specimens for New Holland, Inc. evaluation. Upon approval, the material will be added to the Engineering Materials Approved Source list.

7. SUPPLIERS RESPONSIBILITY

All materials supplied to this specification shall be equivalent in all characteristics to the material upon which approval was originally granted. Prior to the making of any changes in the properties, composition, construction, color, dimensions, processing, or labeling of the material originally approved under this specification, the Supplier shall notify Purchasing and the affected Materials Engineering Activity of the proposed changes and obtain the written acknowledgment of the Materials Engineering Activity. Test data, test samples, and a new identification code are to be submitted with the request.

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