

## New Holland High Solids Chassis Grey - New Holland Plant

### 1. SCOPE

1.1 The liquid material defined by this specification is a VOC complying, high solids enamel suitable for exterior exposure used on NEW HOLLAND products.

1.2 This specification may involve hazardous materials, apparatus and procedures. This specification does not address the health and safety problems, if any, associated with its use or application. It is the specification user's responsibility to follow appropriate safety or health practices, and determine the applicability of regulatory limitations prior to use.

### 2. APPLICATION

This specification was released originally for material used as the final color coat on tractors or implements and their parts. It shall be satisfactory for use over primer per standard 86514388 (FNHA-2-J-065.00).

### 3. RELATED STANDARDS

86505483(FNHA-2-J-005.00) - Color Designation  
 86507635(FNHA-2-J-001.00) - Test Procedures  
 86509537(FNHA-2-J-061.00) - Worldwide  
     Standard Paint Performance  
 86514388(FNHA-2-J-065.00) - Primer  
     Performance Coatings

### 4. DESIGNATION

This specification is intended to identify a specific liquid paint for Supplier purposes. This specification designation shall not appear on Engineering drawings.

### 5. REQUIREMENTS

5.1 The specific paint shall meet the performance requirements listed in standard 86509537 (FNHA-2J-065.00) and the liquid requirements are list in Table 1.

### 5.2 COMPOSITION

#### 5.2.1 Vehicle

The fixed vehicle shall essentially be a non-drying oil modified alkyd resin. The proportion of solvents in the volatile portion are to be so arranged that the enamel will level out satisfactory on spray application. The volatility of the solvents is to be balanced so that a spray coat will give a dried film of 0.002 to 0.003 in. (51 - 76 microns) without sagging and with satisfactory freedom from roughness or dry spray.

#### 5.2.2 PIGMENT

The enamel shall be balanced and blended so that the finished enamel matches the NEW HOLLAND CHASSIS GREY 86505490 per standard 86505483 (FNHA-2-J-005.00).

### 6. SUPPLIER RESPONSIBILITY

6.1 Paint Suppliers shall perform the necessary tests for sample approval for initial lots. After this approval, Suppliers are required to perform the specific tests on their batches and ascertain that their product will conform to all the New Holland specification limits. These results shall be submitted to New Holland when requested by New Holland Materials Engineering, Quality Control Department, or Quality Assurance Group. These specified requirements will be used to reconcile any disputed values.

|                   |                |            |                |                |                                                                                                        |                                                                                                                                                                                   |                    |           |
|-------------------|----------------|------------|----------------|----------------|--------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-----------|
|                   |                |            |                |                | <b>NAME</b>                                                                                            | <b>STD CHASSIS GREY NH</b>                                                                                                                                                        |                    |           |
|                   |                |            |                |                |  <b>NEW HOLLAND</b> | <b>ENGINEERING SPECIFICATION</b>                                                                                                                                                  |                    |           |
| <b>ALL</b>        | <b>C</b>       | <b>BJF</b> | <b>115279</b>  | <b>02NOV00</b> |                                                                                                        | THE INFORMATION HEREON IS THE CONFIDENTIAL AND PROPRIETARY PROPERTY OF NEW HOLLAND N. V. AND/OR ITS SUBSIDIARIES. ANY USE, EXCEPT THAT FOR WHICH IT MAY BE LOANED, IS PROHIBITED. | <b>FRAME</b>       | <b>OF</b> |
| <b>ALL</b>        | <b>B</b>       | <b>RE</b>  | <b>112583</b>  | <b>9/11/98</b> |                                                                                                        |                                                                                                                                                                                   | 1                  | 2         |
| <b>FRAME NO.</b>  | <b>REV</b>     | <b>BY</b>  | <b>ECN NO.</b> | <b>DATE</b>    |                                                                                                        |                                                                                                                                                                                   | <b>PART NUMBER</b> |           |
| <b>APP.</b>       | <b>DRAWN</b>   |            | <b>I EKIS</b>  | <b>8/27/98</b> |                                                                                                        | <b>86578422</b>                                                                                                                                                                   |                    |           |
| <b>GS 9/11/98</b> | <b>CHECKED</b> |            |                |                |                                                                                                        |                                                                                                                                                                                   |                    |           |

6.2 All materials supplied to this specification shall be equivalent in all characteristics to the material upon which approval was originally granted. Prior to making any changes in the properties, composition, construction, color, processing or labeling of the material originally approved under this specification, whether or not such changes affect the material's ability to meet

the specification requires written notification to Purchasing and the other affected Materials Engineering activity. Test data, test samples and a new code identification are to be submitted with the request. Supplier must have the written acknowledgment and approval of the Materials Engineering activity prior to initiating any changes.

| TABLE 1 - Liquid Requirements           |                    |                      |                   |
|-----------------------------------------|--------------------|----------------------|-------------------|
| Properties                              | Units              | Specification        | FNHA Test Methods |
| NON-VOLATILES (VOLUME)                  | PERCENT            | 52.3 +/- 2.0         | 86507639          |
| VISCOSITY<br>ZAHN CUP #3<br>FORD CUP #4 | SECONDS<br>SECONDS | 15 - 23<br>16.5 - 28 | 86507640          |
| HIDING POWER                            | MILS MAX           | 2.0                  | 86507642          |
| TOXICS                                  | NONE               | PASS                 | 86507655          |
| GALLON WEIGHT                           | POUNDS             | 8.34 +/- 0.2         | 86507658          |
| NON-VOLATILES (WEIGHT)                  | PERCENT            | 60.0 +/- 2.0         | 86507659          |
| STORAGE STABILITY                       | HOURS              | PASS                 | 86507660          |
| RESISTIVITY                             | MEGOHMS            | 0.1 - 1.0            | 86507661          |
| FINENESS OF GRIND                       | HEGMAN             | 7.0 MIN              | 86507665          |
| VOC                                     | LBS/GAL MAX        | 3.5 OR LESS          | 86507669          |

| Table 2 - Engineering Materials Approved Source List |               |
|------------------------------------------------------|---------------|
| Supplier                                             | Supplier Code |
| PPG                                                  | S28334        |

| TABLE 3     |                 |                |                           |
|-------------|-----------------|----------------|---------------------------|
| Part Number | Unit of Measure | Container Size | Specification Name        |
| 86577905    | GA              | BULK           | CHASSIS GREY STD 86578422 |
|             |                 |                |                           |

|                                                                                     |                     |  |           |             |         |  |
|-------------------------------------------------------------------------------------|---------------------|--|-----------|-------------|---------|--|
|  | NAME                |  |           | PART NUMBER |         |  |
|                                                                                     | STD CHASSIS GREY NH |  |           | 86578422    |         |  |
| ENGINEERING SPECIFICATION                                                           |                     |  | REV.<br>C | FRAME<br>2  | OF<br>2 |  |