



## Registration Form for Use of the NLGI GC-LB Certification Mark

To NLGI Officials:

Application is hereby made for authorization to use the official Certification Mark of NLGI relating to ASTM D 4950 Standard Classification and Specification for Automotive Service Greases in the sale of the following product(s):

<u>Brand Name(s) and NLGI Consistency Number(s)</u>	<u>Category Group<sup>1</sup></u>	<u>Performance Classification<sup>2</sup></u>
_____	_____	<u>GC-LB</u>
_____	_____	<u>GC-LB</u>
_____	_____	<u>GC-LB</u>

<sup>1</sup>Per latest revision of ASTM D 4950 Sections 3.1.5 to 3.1.7. (Indicate G: Wheel Bearing; L: Chassis; or G & L)

<sup>2</sup>Per latest revision of ASTM D 4950 Article 4 in accordance with the latest rules of NLGI, including any amendments or modifications that may hereafter be adopted. (Indicate GC, LB, or GC/LB)

Applicant encloses herewith a Statement of Applicant’s Qualifications (Form Q), Test Data Form together with the Certification Mark User Agreement (Form C), and requests that the Institute accept the Certification Mark User Agreement (Form C) and issue the permission to use. Upon approval, NLGI will issue an invoice for the certification.

Organization, Company or Individual: \_\_\_\_\_

Name: \_\_\_\_\_ Signature: \_\_\_\_\_

Title of Authorized Agent or Officer: \_\_\_\_\_

Address: \_\_\_\_\_

City, State & Country: \_\_\_\_\_

Company Phone: \_\_\_\_\_ Direct: \_\_\_\_\_

Email: \_\_\_\_\_ Date: \_\_\_\_\_



## GC-LB Specification

All requirements and descriptions are fully described in ASTM D4950.

ASTM D4950 Specification Requirements for GC-LB Chassis Grease					
Test	Description	Acceptance Limits	Test Results	Please indicate TP (3 <sup>rd</sup> party) or IH (in-house) Lab	Notes
D217	Consistency, Worked Penetration, mm/10	220-340 (A)			
D2265	Dropping Point, °C, min.	220			
D1264	Water Washout, 80 °C, %, max.	15			
D1742	Oil Separation, mass%, max.	6			
D1743	Rust Protection, rating, max.	Pass			
D2266	Four Ball Wear, Scar Diameter mm, max.	0.6			
D2596	Four Ball EP, Load Wear Index, kgf, min.	30			
	Four Ball EP Weld, kgf, min.	200			
D3527	High-Temperature Life, hours, min.	80			
D4170	Fretting Wear, max loss, mg, max.	10 (B)			
D4289	Elastomer Compatibility SAE AMS3217/2C:				
	Compatibility: Volume Change, %	-5 to 30			
	Hardness Change, Durometer A points	-15 to 2			
D4289	Elastomer Compatibility SAE AMS3217/3C:				
	Compatibility: Volume Change, %	0 to 40			
	Hardness Change, Durometer A points	-15 to 0			
D4290	Leakage, g, max	10			
D4693	Low-Temperature Torque @ -40 °C, N*m, max.	15.5			

(A) Vehicle manufacturer's requirements may be more restrictive; grease containers should display the NLGI Grade as well as category designation.

(B) The fretting wear requirement is significant in passenger car and light-duty truck service, but it was not known to be significant in heavy-duty truck applications at the time this specification was developed.

(C) As of November 2020, submitting D4170 data is optional. After ASTM approves the D4170 revisions, submitted D4170 data will be required.



## NLGI GC-LB Certification Mark User Agreement

This agreement, dated \_\_\_\_\_, between NLGI, a corporation of the State of Ohio, having an address of 118 N Conistor Ln, Suite B-281, Liberty, Missouri 64068, and \_\_\_\_\_ (hereinafter "USER"), a corporation of, \_\_\_\_\_ having a principal place of business at \_\_\_\_\_.

Whereas, NLGI is the owner of all rights to certification marks relating to the ASTM D 4950 Standard Classification and Specification for Automotive Service Greases, which certification marks are shown in the attached Schedule of Marks (hereinafter the "MARKS").

Whereas, NLGI through licensing, publications and other programs seeks to establish and promote standards and specifications for automotive service greases.

Whereas, USER desires non-exclusive permission from NLGI for the purpose of promoting the classification and specifications of NLGI by use of certain or all of the MARKS designated hereafter on or in connection with the marketing of goods that conform to the ASTM D 4950 Standard Classification and Specification for Automotive Service Greases (hereinafter "ASTM CLASSIFICATION").

Now therefore, in consideration of the mutual covenants hereinafter stated, the parties agree as follows:

1. NLGI grants to USER non-exclusive permission to use the MARK(S) for service categories (hereinafter "DESIGNATED MARKS") set forth in USER'S Application, which is made a part hereof, but only in connection with products that conform to the highest performance classification as set forth in the latest revision of the ASTM CLASSIFICATION (hereinafter the "PRODUCTS").
2. NLGI grants to USER non-exclusive permission to use DESIGNATED MARKS in connection with the marketing of the PRODUCTS; provided, however, that USER shall not use the DESIGNATED MARKS on letterheads or in any advertising without an express statement of fact describing the scope of USER'S authorization, and further provided that USER shall not use the DESIGNATED MARKS or the name THE NATIONAL LUBRICATING GREASE INSTITUTE or the description "NLGI" in any advertising or otherwise to indicate NLGI approval or endorsement of the PRODUCTS.
3. USER agrees that it will do all reasonable acts required of it by NLGI to ensure that the PRODUCTS sold bearing the DESIGNATED MARKS at all times conform to the highest performance classification set forth in the then current ASTM CLASSIFICATION pertinent to such PRODUCTS at the time of sale. Upon request, the USER agrees to demonstrate to the satisfaction of the NLGI (or its designated representative) that the PRODUCT(S) in question meets the requirements of the current ASTM D 4950 Standard Method. At the discretion of the NLGI (or its designated representative), the USER may be requested to provide test data from an independent laboratory on a particular sample of the PRODUCT(S). The cost on any such testing shall be borne by USER. USER agrees that it has on file and will retain on file evidence that its PRODUCTS meet all applicable standards and performance requirements for such PRODUCTS. NLGI shall be the sole judge of whether USER meets the appropriate qualifications required for permission to use the MARKS and whether the PRODUCTS meet the qualifications of the ASTM Classification.



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- 4. USER agrees that use of the DESIGNATED MARKS on the PRODUCTS shall constitute a representation and warranty by USER to NLGI and to the purchasers of the PRODUCTS that the PRODUCTS conform to the highest performance classification set forth in the current revision of the ASTM CLASSIFICATION; and USER agrees to hold harmless and indemnify NLGI for any and all liability, loss, damage, cost and expense which NLGI may suffer, incur, or be put to by reason of any claim, suit or proceeding, for personal injury, property damage or economic loss based on the failure or alleged failure of the USER’S PRODUCTS to conform to such standards and specifications; and USER further agrees to defend NLGI, at USER’S expense, against any and all such suits, claims or proceedings.
- 5. This Agreement shall not be assignable or transferable by USER in any manner (except to its parent, subsidiaries, and affiliates) nor shall USER have the right to grant sublicenses.
- 6. The permission to use granted hereunder may be terminated by NLGI at any time and for any reason satisfactory to NLGI. In the event NLGI decides to terminate this agreement for reasons other than breach, the USER shall have a reasonable time in which to phase out PRODUCTS bearing DESIGNATED MARKS.
- 7. This Agreement shall run from year to year and shall be renewed annually on the anniversary of the agreement, and upon payment by USER to NLGI of an annual renewal fee.

<u>Brand Name(s) and NLGI Consistency Number(s)</u>	<u>Category Group<sup>1</sup></u>	<u>Performance Classification<sup>2</sup></u>
_____	_____	GC-LB
_____	_____	GC-LB
_____	_____	GC-LB

<sup>1</sup>Per latest revision of ASTM D 4950 Sections 3.1.5 to 3.1.7 (Indicate G: Wheel Bearing; L: Chassis; or G & L)

<sup>2</sup>Per latest revision of ASTM D 4950 Article 4 in accordance with the latest rules of NLGI, including any amendments or modifications that may hereafter be adopted. (Indicate GC, LB, or GC/LB)

Organization, Company or Individual: \_\_\_\_\_

Contact: \_\_\_\_\_ Title: \_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**NLGI**

NLGI Representative: \_\_\_\_\_ Signature: \_\_\_\_\_

Title: \_\_\_\_\_ Date: \_\_\_\_\_



## Statement of Applicant's Qualifications to Use the NLGI GC-LB Certification Mark

The information requested below must accompany all applications to use the NLGI Certification Mark. Applications will be rejected if the information supplied so warrants. The information pertains to the product(s) included on the application as listed below:

Brand Name(s) and NLGI Consistency Number(s)	Category Group <sup>1</sup>	Performance Classification <sup>2</sup>
_____	_____	GC-LB
_____	_____	GC-LB
_____	_____	GC-LB

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<sup>3</sup>As of November 2020, submitting D4170 test data is optional. After ASTM approves the D4170 revisions, submitting D4170 data will be required.

1. Name of Applicant: \_\_\_\_\_
2. Address of principal office: \_\_\_\_\_
3. Is the Applicant thoroughly familiar with all stipulations given in the NLGI/ASTM Classification and Specification for Automotive Service Greases covering this material?    Yes                  No
4. Does the Applicant also manufacture the greases in question?                  Yes                  No
  - a. If Yes, proceed to question 5. If No, do you have an agreement with the supplier(s) of the product(s) that if formulation changes, you will be notified and understand the product(s) will need to be recertified with NLGI?    Yes                  No
5. Whether or not the Applicant manufactures the greases in question, is it understood that the Applicant is responsible for the product's representation?    Yes                  No
6. Has Applicant completed the Test Data Form *and* have on file evidence that the greases in question meet all applicable standards and performance requirements for the highest performance classification as set forth in the latest revision of ASTM D 4950, in each NLGI consistency number listed?                  Yes                  No

Name and address of Applicant's representative to whom NLGI correspondence should be directed:

Organization, Company or Individual: \_\_\_\_\_

First Name: \_\_\_\_\_ Last Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ Country: \_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

*(The above statement to be signed in the name of the Applicant by an authorized officer.)*