NLGI currently licenses grease through their Certification Mark program which includes the well-known GC-LB Performance Classification. This certification program has provided an internationally-recognized grease specification for grease and bearing manufacturers, users and consumers since 1989. Although originally conceived as an automotive chassis and wheel bearing specification, GC-LB is recognized as a mark of quality for grease specifiers. Due to advancements in materials, technologies and applications, NLGI recognizes that current applications may be better served by updated specifications.

Because NLGI’s working groups are made up of volunteers from the industry, NLGI has contracted with The Center for Quality Assurance to interview and survey members of the grease industry with a goal of defining these new specifications and ensuring that they meet the needs of today’s grease-lubricated applications. The initial focus will be on updated specifications for a premium grease that could be used in a variety of bearings and applications which require similar lubricating properties. Additional specifications will be defined for high load, water resistance, corrosion resistance, low temperature and long-life applications. Future specification work may include grease for gear boxes, electric motors and other applications.
In June 2019, interested parties attended the Grease Specifications Working Group meeting. During this meeting, initial discussions regarding the new grease specifications took place and consensus was reached (along with approval from NLGI’s board of directors) to contract with the Center for Quality Assurance (CQA) to move forward with interviews and consolidate feedback. At this time, volunteers joined NLGI’s Grease Specifications Steering Committee. Additionally, the board of directors approved CQA to undertake the audit of GC-LB products in 2020.

In July 2019, NLGI finalized an agreement with CQA and advised them to start moving forward. To date, numerous stakeholders have had a voice in the process and the dialogue has been positive. Grease users and specifiers have welcomed the opportunity to provide input to future specifications. The work has recently begun, so any individual or company wanting to have their voice heard should contact Grease@CenterForQA.com. Information gathering through interviews and other outreach efforts will take place over the next several months with a more in-depth discussion taking place again with a full day discussion in Atlanta in March, as well as a review during the Grease Specifications Working Group meeting and a half day final discussion immediately following the Annual Meeting in June 2020. All recommendations from NLGI’s Grease Specifications Steering Committee are filtered through the Executive Committee and must obtain final approval from NLGI’s board of directors. See governance structure below:

*Please note the GC-LB is not being replaced. The new specifications will be in parallel to GC-LB. NLGI will continue to support GC-LB certification and the use of the mark on finished products. The new specifications, certification and marks will be used in applications as appropriate and useful to the industry. NLGI will continue to support the use of the current GC-LB marks as long as there is a market for them.

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