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TO: API Engine Oil Licensing and Certification System (EOLCS) Licensees
              API Lubricants Group
              Other Interested Parties

SUBJECT: Addendum 3
                      API 1509, *Engine Oil Licensing and Certification System*
                      17th Edition, September 2012 (Addendum 1 October 2014)

API's Lubricants Group approved by letter ballot the adoption of two new API Service Categories, API CK-4 and FA-4. The user language and requirements for the new categories may be viewed at http://www.api.org/products-and-services/engine-oil/eolcs-categories-and-documents/documents/api-1509-documents.

API is also introducing a revised API Service Symbol "Donut" with the introduction of API FA-4. The specific requirements for this revised Service Symbol are provided in the revisions to API 1509 shown in Attachment 1. A complete revision of API 1509 is currently being prepared that will incorporate the changes related to the API FA-4 Service Symbol. Of all the changes approved or under consideration, the most important is the following: Starting December 1, 2016, API Service CK-4 and API Service FA-4 may be licensed for use in the upper portion of the API Service Symbol "Donut."

Additionally, marketers should keep the following points in mind:

- Marketers are free to identify qualifying oils as meeting API Service CK-4 and API Service FA-4 prior to the December 1 first licensing date but must avoid statements that imply API certification or licensing of CK-4 or FA-4 in advance of that date.
- Marketers that want to claim their oils are licensed by API as meeting CK-4 or FA-4 on the first licensing date must apply for licensing of the CK-4 or FA-4 oils through the on-line application system at https://engineoil.api.org/AccountManager/WelcomeMarketer. API will process applications as they are received, but the right to claim API licensing against the CK-4 or FA-4 standard will not be allowed until December 1, 2016.
- Licensed CK-4 and FA-4 oils will not appear in the online API Directory until December 1, 2016.
- Marketers with approved API CK-4 or FA-4 oils may not use CK-4 or FA-4 in the API Donut until December 1, 2016.

These changes are effective as of December 1, 2015, unless otherwise noted. If you have questions, please do not hesitate to contact me.

Sincerely,

Kevin Ferrick

5.3.1 General

Service Categories are used in the upper portion of the API Service Symbol to identify specific engine oil performance levels. The API Service Symbol may be licensed for use with passenger car motor oils, diesel engine oils, or both as long as the oils meet the performance requirements of an appropriate API Service Category or Categories. Currently, the API Service Categories that may be included in the API Service Symbol are SN, SM, SL, SJ, SH (when preceded by a C category), CH-4, CI-4, and CJ-4. On December 1, 2016, CK-4 and FA-4 may be included in the Service Symbol (note that FA-4 cannot appear in the API Service Symbol with any C Service Category). Oils that meet API CI-4 licensing requirements are also authorized to display CH-4 in the API Service Symbol. Oils that meet API CJ-4 licensing requirements are also authorized to display CI-4 with CI-4 PLUS, CI-4, and CH-4 in the API Service Symbol. On December 1, 2016, oils that meet API CK-4 licensing requirements are also authorized to display CJ-4, CI-4 with CI-4 PLUS, CI-4, and CH-4 in the API Service Symbol. SAE 0W-16 and 5W-16 oils may only be licensed as API SN.

Figure 2—API Service Symbol

Note: The letters "SI" and "SK" have been omitted from the sequence of letter designators for API Service Categories because of their common association with other organizations or systems.

Use of more than one API S Service Category at a time in the API Service Symbol is prohibited. Service Category SH can be displayed in the API Service Symbol only when preceded by CH-4 and/or CI-4, and/or CJ-4. These alphanumeric Service Categories may change as new oil performance standards are developed and approved for use (see Annexes C and D).

For an oil that is formulated for diesel engine applications and meets both C and S Categories, it is suggested that the C Category should be put first so that the consumer can recognize that the oil is primarily a diesel engine oil but also meets S Category requirements. For an oil that is formulated for passenger car motor oil applications and meets both S and C Categories, it is suggested that the S Category should be put first so that the consumer can recognize that the oil is primarily a passenger car motor oil but also meets C Category requirements.

7.3 API Service Symbol

7.3.1 The API Service Symbol "Donut" may be located anywhere on the outside of the container. The outside diameter of the API Service Symbol shall be 1.9 times the inside diameter. The Service Category is located in the upper part of the Donut, the SAE viscosity grade is in the center, and the optional Energy Resource Conserving designation is in the lower part. The API Service Symbol shall be large enough for the lettering to be legible and shall strictly conform to the design (including the required information and its placement) shown in Figure 5.

7.3.2 Beginning December 1, 2016, when API Service FA-4 is claimed, the upper half of the Service Symbol must be divided by a single vertical line, and the API Service Categories and phrase "API Service" must appear as shown in Figure 6 (Service categories left and "API Service" right of vertical line). Note that licensed FA-4 oils shall use a Service Symbol that conforms to the divided upper half designs in Figures 6 and 7.

Figure 5—API Service Symbol "Donut"

Figure 6—API Service Symbol "Donut" with API FA-4

7.3.3 API Service Symbols may appear as black and white, reversed out, or in color. Examples of acceptable designs are provided in Figures 7 and 8. Any color is acceptable provided the design conforms to the designs shown in Figures 5 through 8.

Figure 7—Representative Examples of the API Service Symbol with FA-4

7.3.4 Use of the API Service Symbol is restricted to current API Service Categories [namely, SN; SM; SL; SJ; SH (when used as described in 7.3.3), CH-4; CI-4; and CJ-4; and on December 1, 2016, CK-4, and FA-4]. Except as prohibited in 5.3.3, these may appear alone or in combination with other current Service Categories. The API Service Categories must appear in the upper part of the API Service Symbol, but such placement does not preclude their use elsewhere on the container. Use of API Service Categories SA, SB, SC, SD, SE, SF, SG, SH, CA, CB, CC, CD, CD-II, CE, CF, CF-2, CF-4 and CG-4 within the API Service Symbol is prohibited (see Annex A).

7.3.5 Use of more than one API S Service Category in the API Service Symbol is prohibited. SAE 0W-16 and 5W-16 oils may only be licensed as API SN. Service Category SH cannot be used in the API Service Symbol unless preceded by CH-4 and/or CI-4 and/or CJ-4.

If API C Service Category oils are licensed for more than one current Service Category, these oils may display the Service Categories in the upper part of the API Service Symbol. Except as specified above, if the engine oil marketer chooses to include API C Service Categories with a current API S Category, a virgule (/) must be placed between the API S Service Category and the API C Service Categories, which are separated by commas. Licensees of Service Category C oils may use the C Categories first. Examples of acceptable notations are "API Service SN"; "API Service CJ-4,CI-4/SM"; "API Service SJ";

"API Service CJ-4/SM"; "API Service CI-4"; and "API Service CH-4." Figure 8 shows examples of notations for various Service Categories used within the API Service Symbol.

For an oil that is formulated for diesel engine applications and meets both C and S Categories, ~~it is suggested that~~ the C Category should be put first so that the consumer can recognize that the oil is primarily a diesel engine oil but also meets S Category requirements. Conversely, for an oil that is formulated for passenger car motor oil applications and meets both S and C Categories, ~~it is suggested that~~ the S Category should be put first so that the consumer can recognize that the oil is primarily a passenger car motor oil but also meets C Category requirements. *Some automobile manufacturers are concerned that engine oils with greater than 800 parts per million (0.08% mass) phosphorus can adversely affect catalytic converters in gasoline-fueled engines.*
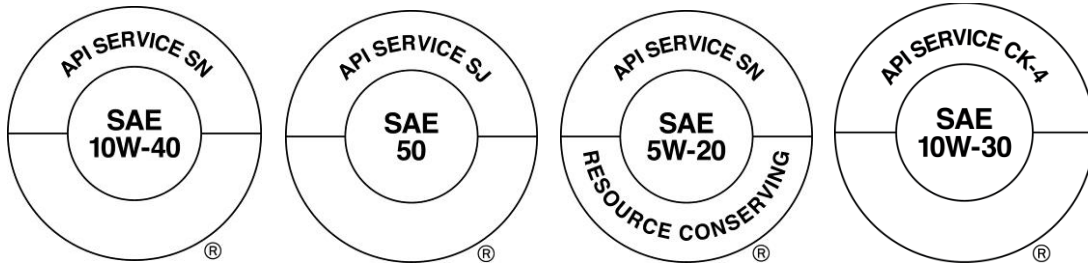

Figure 8—Representative Examples of the API Service Symbol