

To: API Lubricants Group  
Cc: Lubricants Group Mailing List  
API

## **Base Stock Manufacturer Definition**

On September 22, 2020, the Lubricants Standards Group (LSG) reviewed and discussed the Base Stock Manufacturer Definition. The Base Stock Manufacturer Interest Group (BSMIG) proposed a Base Stock Manufacturer Definition as given below.

### **API 1509 Section 4 - Base Stock Manufacturer Definition**

**4.1.1. A base stock manufacturer is an organization that oversees the production of one or more base stocks by chemical transformation(s) and/or physical separation(s) yielding products defined by that manufacturer's specified physical and/or chemical properties.**

**4.1.1.1. Some of the chemical transformations commonly involved in producing base stocks used in engine oils include hydrogenation, oligomerization, polymerization, isomerization, and esterification. However, other chemical reactions can be relevant to a manufacturer's process(es).**

**4.1.1.2. Some of the physical separations commonly invoked in base stock production include extraction, distillation (e.g. to fractionate complex liquid mixtures) and filtration (e.g. in wax removal operations). However, other separation processes may also be used at the base stock manufacturer's discretion.**

**4.1.2. The base stock manufacturer may employ other processes in the production of base stocks in addition to, but not in lieu of, chemical transformations and/or physical separations.**

**4.1.3. Ultimately, base stocks are used as components of finished lubricants, examples of which are gasoline and diesel engine oils formulated to meet performance requirements published in this standard.**

### **API 1509 Annex I - Base Stock Manufacturer Definition**

**Base oil:** A base stock or blend of base stocks used in a finished lubricant.

**Base Oil Interchangeability Guidelines:** See API Base Oil Interchangeability Guidelines above.

**Base Stock:** A lubricant component that is produced by a single base stock manufacturer to the same specifications (independent of feed source or manufacturer's location); that meets the same base stock manufacturer specification; and that is identified by a unique formula, product identification number, or both. Base stocks may be manufactured using a variety of different processes including but not limited to distillation, solvent refining, hydrogen processing, oligomerization, esterification, and rerefining. Base stocks shall be substantially free from materials introduced through manufacturing, contamination, or previous use.

**Base Stock Slate:** A product line of base stocks that have different viscosities but are in the same base stock grouping and from the same base stock manufacturer.

**Base Stock Manufacturer:** A base stock manufacturer is an organization that oversees the production of one or more base stocks by chemical transformation(s) and/or physical separation(s) yielding products defined by that manufacturer's specified physical and/or chemical properties.

After review and discussion, the LSG agreed by roll call vote to ballot the **Base Stock Manufacturer Definition**.

<b><u>Motion to Ballot: Base Stock Manufacturer Definition</u></b>	
Motion by	Chris Castanien/Neste
Second by	Darryl Purificati/Petro-Canada
<b><u>Roll Call Vote</u></b>	
Approve	19
Negative	1
Abstain	0
Did Not Vote	3

Lubricants Group Members should use the API Ballot System to cast their vote and make comments. The Ballot Link is: <http://Ballots.api.org>. The Lubricants Group Member votes will be counted, and all received comments reviewed and considered before the ballot results are final.

Non-Lubricants Group Members should comment on the Ballot Motion using the Ballot system. The Ballot Link is: <http://Ballots.api.org>. All comments on the Ballot Motion will be reviewed before the ballot results are final.

This Ballot will close on November 16, 2019. All Votes and/or Comments must be received by that date. If approved the balloted change will be included in the next revision to API 1509.