



HELLENIC REPUBLIC



ΑΑΔΕ

Ανεξάρτητη Αρχή
Δημοσίων Εσόδων

Athens, 30 June 2025
Reference No:
30/010/000/29/2025

SUPREME CHEMICAL COUNCIL

TO:

Postal address: 16 Tsocha Street,
Athens

Postcode : GR-11521

Information: E. Bania-Georgopoulou

Telephone : 210-6479244, 230

E-mail : axs@aade.gr

General Chemical State
Laboratory
Directorate of Energy, Industrial
and Chemical Products
Department A

**SUBJECT: SCC (Supreme Chemical Council) Decision
29/2025**

In response to your letter No. 30/004/000/884/23-5-2025 , in which you forwarded to us your proposal for the issuing of a Decision of the SCC entitled: **“Gear lubricants (valvolines) - Specifications, requirements and test methods”**, we would like to inform you that the Supreme Chemical Council, which we preside over, after examining the matter at the meeting held on **11 June 2025**, and having worked out the legal-technical aspects of the proposal in question, has decided

unanimously as follows:

Gear lubricants (Valvolines) - Specifications, requirements and test methods.

**Article 1
Purpose**

This Decision concerns specifications, requirements and test methods for lubricants intended for the lubrication of gears and in particular the differentials and gearboxes of cars and various light or heavy-duty vehicles.

Article 2

Specifications

The lubricants in this Decision correspond to the specifications in the SAE J306 standards (Feb. 2019 version) and J2360 (Jan. 2019 version) and in accordance with Article 3.

Article 3 Requirements

1. Companies which place on the Greek market, under their own brand name, gear lubricants (valvolines) that are produced in Greece, in EU Member States or EFTA countries or are imported from third countries, are obliged to submit to the Directorate of Energy, Industrial and Chemical Products of the Directorate-General of the General Chemical State Laboratory (GCSL) of the Independent Authority for Public Revenue (IAPR) a solemn declaration stating the following information about each product:

- Trade name and product code (if applicable)

- SAE viscosity number

- API quality level

- The following details, namely:

density

viscosity index

sulphated ash

sulphur

phosphorus

chlorine

nitrogen

metallic elements and

IR spectrum

2. The base mineral oils used in the production of the gear lubricants (valvolines) herein shall be well-refined petroleum fractions or synthetic

materials, or mixtures thereof, and shall be mixed with additives of such composition and in such proportions as to meet all the requirements hereof.

2.1. Physical and Chemical requirements

The detailed physical characteristics are given in table 1.

Table 1. Physical requirements of gear lubricants (valvolines).

Properties	Relevant standard
Viscosity at 100 degrees °C, (cSt, min. - max.)	SAE J306 Automotive Driveline Lubricant Viscosity Classification (FEB2019)
Temperature for a viscosity of 150000 cP, (°C, max.)	SAE J306 Automotive Driveline Lubricant Viscosity Classification (FEB2019)
Channel point (°C, max.)	Armed Forces Specification-A-00696 'Gear mineral oils SAE 75W - SAE 80W90 - SAE 85W140'(Version 1 20.09.2018)
Flash point, (°C, min)	SAE J2360 'Automotive Gear Lubricants for Commercial and Military Use' (JAN2019)

All the characteristics referred to in paragraph 1 of this Article and Table 1 when examined in accordance with the methods referred to in Table 2 shall be within the limits of the declared values.

Only those deviations recognised by the official test methods are permitted. In particular, for sulphated ash and elemental analysis of ash, deviations from - 10 % to +20 % are permitted.

2.2. IR spectrum

When the product is tested in accordance with the methods in Table 2, it shall give an IR spectrum identical to that submitted in the solemn declaration.

2.3. Purity.

Gear lubricants (valvolines) herein must be homogeneous mixtures clean and clear and must not contain water or other foreign matter. Nor may they contain inorganic acids or inorganic bases. The presence of PCBs is completely prohibited.

2.4. Multi-grade valvolines.

The limits for channel points and flash points of multi-grade gear lubricants (valvolines) must be the same as the limits for corresponding conventional valvolines with the letter W (SAE 70W, 75W, 80W, 85W), while the limits for

viscosity are, at low temperatures, the same as the limits for viscosity of conventional valvolines with the letter W, and at 100 °C the same as the limits for valvolines without that letter.

3. Where supporting documents are submitted in accordance with the conditions laid down in paragraphs 1 and 2 of this Article, the lubricant shall be entered in a list kept by the Directorate for Energy, Industrial and Chemical Products, a list number shall be assigned to the product and the company shall be informed in writing. The list number serves exclusively as a notice of entry in the list and shall not be displayed on the product packaging. All information and documents submitted to the Directorate for Energy, Industrial and Chemical Products for the purpose of registration shall be deemed confidential and shall be handled accordingly.

3. In the event of a change in any of the information referred to in paragraph 1 or 2, the submission procedure shall be repeated.

4. The provisions of this Decision shall apply without prejudice to the provisions of Regulation (EU) 2019/515 of the European Parliament and of the Council of 19 March 2019 on the mutual recognition of goods lawfully marketed in another Member State.

Article 4 **Indications on the packaging**

The labelling on the packaging of gear lubricants (valvolines) shall indicate:

- The type of content
- The content volume
- The trade name
- The code number (if available)
- The SAE viscosity number
- The API quality level
- The trade name and all contact details of the company that places lubricants under its brand name on the Greek market in accordance with Article 3(1) of this Decision.

In addition, the details indicated on the packaging shall comply with:

a) Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006, as in force.

b) Ministerial Decision on the Codification of Rules for the Marketing and Trade of Products and the Provision of Services (MTPPS Regulations), as in force.

Article 5

Sampling - Test methods

Sampling of gear lubricants (valvolines) shall be carried out in accordance with the methods and general guidelines in EN ISO 3170. All the detailed information referred to in Article 2(1) and the information in Table 1 shall be examined in accordance with the methods set out in Table 2. Equivalent standard methods, such as ISO methods, may be used. For any additional tests not provided for herein, reference shall be made to the relevant methods.

Table 2 - Control methods

Test	Method
Kinematic viscosity:	ASTM D 445
Viscosity temperature 150000 cP	ASTM D 2983
Channel point	FED STD 791- 3456
Flash point	ASTM D 92
Pour point	ASTM D 97
Density	ASTM D 1298 ή ISO 3675
Viscosity index	ASTM D 2270
Phosphorus	ASTM D 1091 ή D 4951
Sulphur	ASTM D 2622 ή D 1552 ή D 4951
Chlorine	NF T60-106
Nitrogen	ASTM D 3228
Metallic elements	ASTM D 4951 (a)
IR spectrum	Normal spectrophotometry

(a) Atomic absorption methods or ICP may be used.

The test results shall be interpreted statistically in accordance with the EN ISO 4259 standard.

Article 6
Transitional provisions

Lubricants already placed on the market in accordance with Joint Ministerial Decision 12/95 (Government Gazette 471/B/29.5.1995) shall be deemed to comply with the provisions of this Decision.

Article 7
Repealed provisions

Upon publication of this Decision in the Government Gazette, Joint Ministerial Decision 12/95 (Government Gazette, 471/B/29.5.1995) shall cease to apply.

Article 8
Entry into force

This Decision shall enter into force on the date of its publication in the Government Gazette.

THE PRESIDENT

THE SECRETARY

ANASTASIA DETSI

ELENI BANIA-GEORGOPOULOU