

Technical Regulations TR CU 030/2012

In accordance with Article 3 of the Treaty on the Eurasian Economic Commission dated 18 November 2011, the Council of the Eurasian Economic Commission **decided**:

1. To adopt the Technical Regulation of the Customs Union "On Requirements for Lubricants, Oils and Special Liquids" (TR CU 030/2012) (attached).
2. To establish that the Technical Regulation of the Customs Union "On Requirements for Lubricants, Oils and Special Liquids" (TR CU 030/2012) shall enter into force on 1 March 2014.
3. This Decision shall enter into force upon the expiry of 30 calendar days from the date of its official publication.

Members of the Council of the Eurasian Economic Commission:

<i>For the Republic of Belarus S. Rumas</i>	<i>For the Republic of Kazakhstan K. Kelimbetov</i>	<i>For the Russian Federation I. Shuvalov</i>
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ADOPTED
by Decision of the Council of the Eurasian
Economic Commission
dated 20 July 2012 No. 59



TECHNICAL REGULATION

OF THE CUSTOMS UNION

TR CU 030/2012

**On Requirements for Lubricants, Oils
and Special Liquids**

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FOREWORD

This Technical Regulation of the Customs Union (hereinafter referred to as the Technical Regulation) was developed in accordance with the Agreement on Common Principles and Rules of Technical Regulation in the Republic of Belarus, the Republic of Kazakhstan and the Russian Federation dated 18 November 2010.

This Technical Regulation was developed for the purpose of establishing, within the single customs territory of the Customs Union, uniform mandatory requirements for lubricants, oils and special liquids, for used lubricants, oils and special liquids, and for products obtained from the processing (recycling) of used products at the stages of the life cycle of

products placed on the market within the single customs territory of the Customs Union.

If other Technical Regulations of the Customs Union are adopted with regard to lubricants, oils and special liquids or products obtained from the processing (recycling) of used products, lubricants, oils and special liquids and products obtained from the processing (recycling) of used products shall comply with the requirements of the Technical Regulations of the Customs Union applicable to them.

Article 1 . SCOPE OF APPLICATION

1.1. This Technical Regulation establishes requirements for lubricants, oils and special liquids (hereinafter referred to as products), for used lubricants, oils and special liquids (hereinafter referred to as used products), and for products obtained from the processing of used products, for the purposes of protecting human life and health, property and the environment, the life and (or) health of animals and plants, preventing actions that mislead consumers (users), and conserving resources.

This Technical Regulation applies to: a) lubricants, including:

- organic lubricating oils, including:

- 1) engine oils (universal, carburetor, diesel, and oils for aircraft piston engines);
- 2) gear oils;
- 3) hydraulic oils;
- 4) industrial oils;
- 5) compressor oils;

6) turbine oils;

7) corrosion-inhibiting oils;

8) electrical insulating oils;

9) base oils.

- greases;

b) special liquids:

- coolants (including metalworking fluids);

- brake fluids;

c) used products.

1.2. The main hazardous factors (risks) arising during the placing on the market, circulation, use (operation) and processing (recycling) of products are:

fire and explosion hazard of products;

content of water and mechanical impurities exceeding the established limits;

environmental impact of used products entering the environment;

harmful effects on the human body.

1.3. This Technical Regulation applies to products and used products placed on the market or in circulation within the single customs territory of the Customs Union.

1.4. This Technical Regulation does not apply to the following products:

supplied under the state defence order;

supplied for export outside the single customs territory of the Customs Union;

stored by organisations ensuring the preservation of the state material reserve;

oils of vegetable and animal origin;

obtained through the high-temperature distillation of coal tar (including creosote oils);

not covered by the definitions of "oil", "lubricant" or "special liquid" established by Article 2 of this Technical Regulation;

oils used for the manufacture of perfumery and cosmetic products, medical devices and medicinal products.

Article 2. DEFINITIONS

This Technical Regulation uses the following terms and their definitions:

product safety – the absence of an unacceptable risk associated with harm to human life or health, the environment, including flora and fauna, taking into account the combination of the probability of occurrence of a hazardous factor and the severity of its consequences;

placing on the market – the initial transfer of products from the manufacturer (importer) to the seller and (or) consumer;

product identification – establishing the identity of the characteristics of products submitted for mandatory conformity confirmation with the characteristics specified in the shipping documentation for the products;

identification of used products – determining whether used products belong to waste of a particular type and establishing information on their hazardous, resource, technological and other characteristics;

manufacturer – a legal entity, including a foreign legal entity, or an individual entrepreneur who, in its own name and (or) on behalf of another person, manufactures and sells products and is responsible for their compliance with the requirements of this Technical Regulation;

importer – a resident of a Member State of the Customs Union that concludes a foreign trade agreement with a non-resident of a Customs Union state for the transfer of products (used products), stores and sells (wholesale and (or) retail) such products (used products), and is responsible for their compliance with the requirements of this Technical Regulation;

life cycle – the stages (phases) of the condition of products during placing on the market, circulation, use (operation) and processing (recycling);

product brand - a verbal and (or) alphabetic, numeric designation of products;

oil - a liquid of petroleum or synthetic (semi-synthetic) origin used as a lubricant and (or) special liquid;

corrosion-inhibiting oils - oils used for the temporary protection of ferrous and non-ferrous metals against corrosion;

base oils - oils used as raw materials for producing commercial lubricants;

industrial oils - lubricants used in machines and mechanisms of industrial equipment;

compressor oils - lubricants used for lubricating reciprocating and rotary compressors;

engine oils - lubricants used for reciprocating internal combustion engines;

gear oils - oils used for lubricating transmission units of various machines and mechanisms;

turbine oils - lubricants used for lubricating turbo units: steam and gas turbines, turbocompressor machines, hydraulic turbines, and marine steam turbine units;

electrical insulating oils - oils used for insulating and cooling electrical apparatus and devices: transformers, capacitors, and cables;

circulation of products on the market - the stages of movement of products from the manufacturer to the consumer (user) that the products undergo after being placed on the market;

circulation of used products - the stages of collection and processing (recycling) of used products;

used products - used lubricants, used oils and used special liquids that have lost their operational properties, including those drained from operating systems, classified as waste and subject to processing (recycling) for the purpose of obtaining lubricants, oils and special liquids;

batch of products - a quantity of products of one brand accompanied by one product quality document (passport);

chemical product safety data sheet - a document in the prescribed form containing information on the hazardous properties of chemical products, information on the manufacturers (suppliers, importers) of such products, preventive measures and safety requirements to ensure the safe

circulation of chemical products;

product quality passport (used-product quality passport) – a document establishing the conformity of the numerical values of the quality indicators of products (used products), obtained as a result of laboratory tests, with the requirements of regulatory documentation, issued by the manufacturer;

consumer – an individual or legal entity intending to order or purchase, or ordering, purchasing or using products exclusively for its own needs;

seller – a legal entity or individual entrepreneur that is a resident of a Member State of the Customs Union, conducts wholesale (retail) sales of products to the consumer (user), and is responsible for the circulation on the market of products (used products) complying with the requirements of this Technical Regulation;

used-product collection point – an engineering and technical complex intended for receiving, storing, recording, preparing and shipping used products;

collection of used products – activities associated with removing used products from the places where they are generated for their subsequent processing (recycling);

lubricant material – a substance of petroleum or synthetic origin that facilitates the friction process on the working surfaces of contacting parts, thereby reducing friction force and surface wear;

special liquid – a liquid of petroleum or synthetic origin intended for use as a working fluid;

processing (recycling) of used products – processes for completing the life cycle of used products for the purpose of obtaining new products.

Article 3 . RULES FOR THE CIRCULATION OF PRODUCTS ON THE MARKET

3.1. Products placed on the market in the single customs territory of the Customs Union must comply with the requirements of this Technical Regulation and with other Technical Regulations of the Customs Union applicable to them.

3.2. The placing on the market and circulation of products whose compliance with the requirements of this Technical Regulation has been confirmed is permitted.

3.3. For the purposes of applying this Technical Regulation, identification of lubricants, oils and special liquids is carried out based on Documentation. Technical documents and/or product quality passports, test reports, and/or supply agreements, and/or specifications, and/or labels, and/or annotations, and other documents characterizing the products may be used as Documentation. The characteristics identifying oils, lubricants and special liquids include the use of the products as a lubricant or special liquid.

Identification of used products is carried out based on the following characteristics:

they are intended exclusively for processing (recycling) for the purpose of obtaining commercial petroleum products;

they are obtained as a result of using products for their intended purpose;

they are used as raw materials for obtaining commercial petroleum products.

3.4. Each batch of lubricants, oils and special liquids placed on the market and (or) in circulation must be accompanied by a product quality passport.

The product quality passport must contain:

the name, brand designation and intended use of the products;

the name of the manufacturer (person authorised by the manufacturer), importer or seller, its trademark (if any), location (specifying the country), and contact information;

the standard values of product safety indicators in accordance with Annex 1 to this Technical Regulation and the actual test results;

the designation of the document in accordance with which the products are manufactured (if any);

the standard values of product indicators established by the regulatory document in accordance with which the products were manufactured, and the actual test results;

storage periods and conditions;

Date of Manufacture (month, year);

batch number;

passport number;

the signature of the person who prepared the passport.

3.5. The products must have a chemical product safety data sheet (hereinafter referred to as the safety data sheet).

3.6. At the consumer's request, the seller must provide the consumer with a copy of the product quality passport and/or a copy of the safety data sheet.

3.7. The product quality passport and the safety data sheet must be prepared in Russian and/or in the official language of the Member State of

the Customs Union in whose territory the products will be sold.

3.8. Requirements for the circulation of used products.

3.8.1. Used products must be delivered to used-product collection points for preparation for subsequent processing (recycling).

The storage of used products is carried out by brands or groups in accordance with Annex 2 to this Technical Regulation.

3.8.2. Used products supplied from used-product collection points for processing (recycling), or prepared for independent processing (recycling) by the organization producing used products, must be accompanied by a product quality passport and comply with the requirements set out in Annex 3 to this Technical Regulation. The requirements of this Technical Regulation set out in Annex 3 to this Technical Regulation do not apply to used products delivered to used-product collection points.

3.8.3. The following are prohibited during the circulation of used products:

discharge (draining) into bodies of water, onto soil or into public sewerage networks;

removal to landfills for household and industrial waste followed by burial;

mixing with oil (gas condensate), gasoline, kerosene, fuel (diesel, marine, boiler and furnace fuel, fuel oil) for the purpose of obtaining fuel intended for power-generating installations, except in cases permitted by the competent authorities of Member States of the Customs Union in the field of environmental management and environmental protection;

mixing with products containing halogen-organic compounds;

use as anti-adhesion materials and agents for impregnating construction materials.

3.8.4 Activities involving the collection and recycling of used products are carried out in accordance with the legislation of the Member States of the Customs Union.

Article 4 . SAFETY REQUIREMENTS

4.1. Products and products obtained from the processing (recycling) of used products (lubricants, oils and Special Liquids obtained from the processing (recycling) of used products) shall comply with the requirements specified in Annex 1 to this Technical Regulation.

4.2. Packaged products shall be marked. The marking shall contain:

the name and location (legal address, including the country) of the manufacturer and its trademark (if available);

the name, product brand designation and intended use of the products;

the designation of the document in accordance with which the products are manufactured (if available);

shelf life and storage conditions;

Date of Manufacture;

batch number;

bar identification code (if necessary).

4.3. Products capable of having a harmful effect on human health or the environment, or possessing fire hazard properties, shall bear the relevant warning marking.

4.4. The marking shall be provided in the official and state language of the Member State of the Customs Union in whose territory the products are sold to consumers, where the legislation(s) of the Member State(s) of the

Customs Union contains corresponding requirements, except for the name of the manufacturer and the name of the product, as well as other text included in a registered trademark. The additional use of foreign languages is permitted provided that the content is fully identical to the text.

4.5. The marking shall be clear and legible and shall be applied in a manner ensuring its preservation on the packaged products and under exposure to environmental effects.

4.6. When unpackaged products are supplied, information about them shall be provided in the product quality passport.

Article 5 . CONFORMITY ASSURANCE

5.1. Conformity of products with this Technical Regulation shall be ensured either by fulfilling its safety requirements directly or by fulfilling the requirements of standards included in the list of standards, the application of which on a voluntary basis ensures compliance with the requirements of this Technical Regulation.

5.2. The rules and methods of research (testing) and measurement, including sampling rules, necessary for the application and fulfilment of the requirements of this Technical Regulation and for conducting conformity assessment (confirmation) of products, shall be established in interstate standards or, in their absence (until interstate standards are adopted), in national (state) standards of the Member States of the Customs Union.

Article 6 . CONFORMITY CONFIRMATION

6.1. Before placing on the market, products shall undergo the conformity confirmation procedure in the form of a declaration of conformity. For conformity confirmation, the applicant may be a legal entity or an

individual registered as an individual entrepreneur who is the manufacturer (person authorised by the manufacturer) or the importer (seller).

6.2. A product identification procedure shall be carried out before conformity confirmation.

6.3. Declaration of conformity of products with the requirements of this Technical Regulation shall be carried out under schemes 1D or 2D in accordance with Annex 4 to this Technical Regulation.

6.4. Testing for the purposes of the declaration of conformity shall be organised by the manufacturer (person authorised by the manufacturer) or importer (seller) in a testing laboratory or an accredited testing laboratory (centre) included in the Unified Register of Certification Bodies and Testing Laboratories (Centres) of the Customs Union.

6.5. When conducting conformity confirmation of products, the applicant shall compile a set of documents confirming the conformity of these products with the safety requirements of this Technical Regulation, including:

technical specifications (if available);

contract (supply agreement) and shipping documentation (when declaring conformity under scheme 2D);

certificate for the manufacturer's quality management system (if available);

product quality passport;

product safety data sheet;

test reports confirming the conformity of products with the safety requirements of this Technical Regulation;

a copy of the document confirming that the applicant is duly registered in a Member State of the Customs Union as a legal entity or individual entrepreneur;

certificates of conformity issued, including by foreign certification bodies (if available).

6.6. When declaring conformity under scheme 1D, the applicant shall compile the set of documents specified in Clause 6.5 of this Technical Regulation, carry out production control and take all necessary measures to ensure that the manufacturing process ensures the conformity of products with the requirements of this Technical Regulation, test samples, adopt and register the declaration of conformity, and affix the single mark of product circulation on the market of the Member States of the Customs Union.

6.7. When declaring conformity under scheme 2D, the applicant shall compile the set of documents specified in Clause 6.5 of this Technical Regulation, test samples, adopt and register the declaration of conformity, and affix the single mark of product circulation on the market of the Member States of the Customs Union.

6.8. The declaration of conformity shall be registered in accordance with the procedure established by the legislation of the Customs Union.

The validity period of the declaration of conformity shall commence on the date of its registration:

for mass-produced products – no more than three years; for a batch of products – for the product shelf life.

6.9. The set of documents for the products, including the declaration of conformity, shall be stored in the territories of the Member States of the Customs Union:

for products manufactured in series – by the manufacturer (authorised person) for at least ten years from the date of discontinuation (termination) of production of the products;

for a batch of products – by the importer (seller) or manufacturer (authorised person) for at least ten years from the date of registration of the declaration of conformity.

Article 7. MARKING WITH THE SINGLE MARK OF PRODUCT CIRCULATION ON THE MARKET OF THE MEMBER STATES OF THE CUSTOMS UNION

7.1. Lubricants, oils and Special Liquids that comply with the requirements of this Technical Regulation and have undergone conformity confirmation procedures in accordance with Article 8 of this Technical Regulation shall bear the single mark of product circulation on the market of the Member States of the Customs Union.

7.2. The single mark of product circulation on the market of the Member States of the Customs Union shall be affixed before lubricants, oils and Special Liquids are placed on the market.

7.3. Lubricants, oils and Special Liquids shall be marked with the single mark of product circulation on the market of the Member States of the Customs Union when they comply with the requirements of all Technical Regulations of the Customs Union applicable to them and providing for the affixing of this mark.

7.4. The single mark of product circulation on the market of the Member States of the Customs Union shall be affixed to each unit of packaging and shall also be included in the product quality passport.

Article 8 . SAFEGUARD CLAUSE

8.1. Liability for non-compliance with the requirements of this Technical Regulation, as well as for violations of the procedures for conducting conformity confirmation of products with the requirements of this Technical Regulation, shall be established by the legislation of each Party. Upon detection of products that do not comply with the requirements of this Technical Regulation or are subject to conformity confirmation with mandatory requirements established for them and that are supplied or circulating without a document confirming conformity and/or without the single mark of product circulation on the market of the Member States of the Customs Union, the authorised bodies of each Party shall take measures to prevent the placing of such products on the market, to withdraw them from circulation in accordance with the legislation of the Party, and to inform the other Parties thereof.

8.2. State control (supervision) over compliance with the requirements of this Technical Regulation shall be carried out in accordance with the procedure established by the legislation of the Member States of the Customs Union.

Annex 1
to the Technical Regulation of the Customs Union
"On requirements for lubricants, oils
and Special Liquids" (TR CU 030/2012)

Requirements for Product Characteristics

Note. Requirements as amended by Decision No. 29 of the Council of the Eurasian Economic Commission dated 03.03.2017 (effective from 01.01.2019).

Indicator name	Greases	Oils	Special Liquids
Autoignition temperature ***, °C	not determined	not less than 165	not determined
Flash point in an open crucible, °C	not determined	not less than 135	not determined
Content of selective solvents*, %	not determined	not more than 0,3	not determined
Boiling point at a pressure of 101,3 kPa (760 mm Hg), °C, not lower than: - for coolants - for brake fluids	not determined not determined	not determined not determined	not determined 115

Initial crystallization temperature, °C, not higher than: - for coolants with a low freezing point	not determined	not determined	minus 35
Content of water*, % by mass	"Traces"		not determined
Content of mechanical impurities, % by mass	not more than 0,03		
Content of polychlorinated biphenyls**, mg/kg	not determined	not more than 50	not determined
pH value (pH)	not determined	Not determined	from 6 to 10
Content of methyl alcohol, % by mass, - for coolants	not determined	not determined	not more than 0,05

*- for oils without additives;

** - for transformer and cable oils;

*** - when declaring

Annex 2
to the Technical Regulation of the Customs Union
"On requirements for lubricants, oils
and Special Liquids" (TR CU 030/2012)

Distribution of used products (used lubricants, oils) by group

Group	Composition
MMO	Used engine oils: universal, carburetor, diesel, for aircraft piston engines.
MMO	Used industrial oils: gear oils; industrial oils; gas turbine and turbine oils; transformer oils; compressor oils; hydraulic oils; corrosion-inhibiting oils; electrical insulating oils.

CHO	Mixtures of used petroleum products: petroleum-based flushing fluids; oils used in the heat treatment of metals; gear, axle, running-in and cylinder oils; oils recovered from petroleum emulsions; mixtures of petroleum products collected during the cleaning of storage and transportation equipment, recovered from treatment facilities and oil-containing water. Special Liquids: coolants (including metalworking fluids); brake fluids.
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Appendix 3
to the Technical Regulation of the Customs Union
"On Requirements for Lubricants, Oils
and Special Liquids" (TR CU 030/2012)

Requirements for Physicochemical Quality Indicators of Used Products (Lubricants, Oils) during their Collection, Storage (Accumulation), and Handover and Acceptance for Processing (Recycling)

Name of indicator	Limit for group		
	MMO	MIO	CHO
1. Kinematic viscosity at 50 °C, mm ² /s (cSt)	More than 35	from 5 to 35*	-
2. Flash point determined in an open cup, °C, not lower than	100	120	-
3. Mass fraction of mechanical impurities, %, not more than	1	1	1
4. Mass fraction of water, %, not more than	2	2	2
5. Content of contaminants	Absence		

* The indicator may be higher for individual brands

Appendix 4
to the Technical Regulation of the Customs Union
"On Requirements for Lubricants, Oils
and Special Liquids" (TR CU 030/2012)

Conformity Assessment Schemes for Products

Scheme No.	Scheme element			Application	Document confirming conformity
	product testing, type examination	production assessment	production control		

1D	testing of product samples is performed by the manufacturer	-	Production control is performed by the manufacturer	For products manufactured in series Applicant – manufacturer of a Member State of the Customs Union or a person authorised by the foreign manufacturer on the territory of the Customs Union	Declaration of conformity for products manufactured in series
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2D	testing of a batch of products is performed by the applicant	-	-	For a batch of products Applicant – manufacturer, seller (importer) of a Member State of the Customs Union or a person authorised by the foreign manufacturer on the territory of the Customs Union	Declaration of conformity for a batch of products
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