

Unofficial translation

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Notification of the Department of Energy Business **Re: Specification for Appearance and Quality of Engine Oils** **B.E. 2562 (2019)**

In order to specify the appearance and quality of engine oils that are suitable and in accordance with international standards, and in order to be able to supervise oil traders more circumspectly, effectively and conveniently service to support being the digital government, by virtue of the provisions of Section 25, Paragraph one of the Fuel Trade Act, B.E. 2543, the Director-General of the Department of Energy Business hereby issues a notification as follows:

Clause 1. This notification shall come into force as from the forty five days following the date of its publication in the Government Gazette.

Clause 2. The Notification of the Department of Energy Business, RE: Specification for Appearance and Quality of Engine Oils B.E. 2559 (2016) dated 21 September B.E. 2559 shall be repealed.

Clause 3. This notification shall not apply to engine oils distributed or in possession for distribution to outside the Kingdom.

Clause 4. In this notification,

“Engine oils” mean engine oils for use in 4-stroke gasoline engines and diesel engines.

Clause 5. The appearance and quality of engine oils shall be classified into 2 types as follows:

- Chemical and physical properties which shall comply with the details prescribed in the annex of this notification.
- Engine performance which shall be notified by an oil trader and approved by the Director-General.

Clause 6. Engine oils with the following engine performance quality levels as classified by the American Petroleum Institute (API) shall not be distributed within the Kingdom.

- (1) Engine oils for use in 4-stroke gasoline engines with the engine performance quality levels of SA and SB
- (2) Engine oils for use in diesel engines with the engine performance quality levels of CA and CB

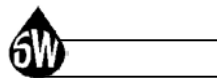
Clause 7. The following types of oil traders wishing to distribute engine oils or having in possession of engine oils for distribution purposes shall notify the appearance and quality of the engine oils according to Form Thor Por Kor 414 annexed hereto in order to acquire an approval from the Director-General.

- (1) Engine oil producers
- (2) Engine oil importers
- (3) Engine oil traders possessing their own trade names or trademarks that are intended to be used for their engine oils

Clause 8. The notification form for the appearance and quality of engine oils and other supporting documents shall be submitted to the Department of Energy Business or via the electronic system, for the oil traders wishing to notify the appearance and quality of the engine oils via the electronic system need to request for register username and password in accordance with the procedures and conditions specified by the Department of Energy Business.

Clause 9. After the Director-General has approved the appearance and quality of the engine oil notified by the oil trader, the Department of Energy Business will grant the oil trader a certificate of approval according to Form Thor Por Kor 415 attached hereto, in which a registration number is given, which may be issued in the form of document or digital system.

The registration number given by the Department of Energy Business shall comprise a Tor Por symbol and a registration number inside a rectangle as the following:



The certificate of approval according to Paragraph one shall be valid for 3 years as from the date of its issuance, except for a case where the oil trader requests for the approval by referring to the appearance and quality documents of the engine oil that the certificate of approval of its quality has been granted to other engine oil producer. In which case, the expiry date of the certificate given shall be the same as that stated in the certificate granted to the engine oil producer. The certificate of approval may be renewed according to Clause 10.

Clause 10. The oil trader who wishes to renew the certificate of approval according to Clause 9 shall submit an application form according to Form Thor Por Kor 416 attached hereto this notification within a period of 60 days prior to the expiry date.

The certificate of approval shall be renewed for a term of 3 years each time, commencing on the expiry date of the expiring certificate or the expiry date of the latest renewed certificate as the case may be. An exception is in a case where the certificate to be renewed was granted through the method of referring to the appearance and quality of the engine oil that has been approved for other engine oil producer, in which case, the expiry date of the renewed certificate shall be the same as that stated in the certificate granted to the engine oil producer.

Clause 11. Once the oil trader has submitted the application form for renewal of the certificate of approval within the period specified in Paragraph 1 of Clause 10, it shall be deemed that the certificate of approval continues to be valid until the Director-General gives an order otherwise.

Clause 12. In a case where the oil trader fails to submit the application form for renewal of the certificate of approval within the period specified in Paragraph 1 of Clause 10, it shall be deemed that the certificate of approval has been revoked. But if the oil traders wishing to distribute engine oils which the certification of the approval has not been renewed, need to resubmit the application in form Thor Por Kor 414 with supporting document within a period of 60 days prior to the expiry date for approval, and shall get the prior registration number as before.

Clause 13. In a case where the Director-General has approved the appearance and quality of the engine oil according to Clause 9 or permitted the renewal of the certificate of approval according to Clause 10 but it appears at a later time that the documents submitted during the application contain inaccuracy or particulars deviating from the facts, the Director-General may order the oil trader to submit additional documents in order to eradicate such inaccuracy or to rectify such particulars within 30 days as from the date on which the oil trader receives the order.

If the oil trader fails to submit the documents or to rectify the mistaken particulars within the period specified in Paragraph 1, the Director-General may issue an order to revoke the certificate of approval issued according to Clause 9 or to revoke the renewed certificated according to Clause 10.

Clause 14. After the Director-General has approved the characteristic and quality of enging oil according to Clause 9 or permitted a renewal of the certificate of approval according to Clause 10, the oil trader who later wishes to make changes or add more information regarding the appearance and quality of engine oil , shall submit the application in form Thor Por Kor 418 attached hereto for an approval to the Director-General at least 30 days prior to the date on which the oil trader seeks to accomplish such changes

Clause 15. In distribution of engine oil specified in the certificate of approval according to Clause 9 or in the renewed certificate of approval according to Clause 10, the oil trader shall comply with the conditions as follows:

(1) In distribution of engine oil packaged in a container of size not exceeding 210 liters, the product label shall at least contain the following information:

- (a) Product name must be a name that has been approved by the Department of Energy Business, without adding, cutting, rearranging or setting words which leads to the misunderstandings
- (b) Viscosity grade, standards and quality levels of the engine oil, and the statement “Approved by the Department of Energy Business”, which shall be placed immediately after the declaration of the standard and the quality level that have been approved by the Department of Energy Business.
- (c) Registration number which shall be displayed in the pattern specified by the Department of Energy Business
- (d) Approved oil trader name is in the Certification of Approval
- (e) Day, month, year of manufacture or packing.

(2) In distribution of engine oil packaged in a container of size exceeding 210 liters, the engine oil trader shall generate a document containing the information according to (1) and submit to the purchasers.

(3) The engine oil trader who has been granted the approval shall notify the Department of Energy Business the changes of names, head office addresses, places of manufacture, packing or storage within the period of thirty days from the date of such changes or the date of stoppage of production, distribution or imports, as the case may be.

(4) When oil trader wishes to stop the production, distribution or import the engine oil before the expiry date of the certification. Oil trader must submit the notification in form Thor Por Kor 419 attached hereto in order to revoke the certification of approval and the registration number and should notify to the Department of Energy Business within 30 days from the date of stopping production, distribution or import as the case may be.

(5) The engine oil trader shall notify their annual trade volume of engine oils according to Form Thor Por Kor 417 attached hereto to the Department of Energy Business within 31 January of the following year.

(6) The oil trader shall have duty, from time to time as ordered by the competent officer, to collect samples of engine oils and submit to the competent officer in order to perform an inspection on the appearance and quality.

Clause 16. The engine oil which has been granted the approval or has been renewed the certificate of approval or pending approval before the date that this notification shall come into force. It shall be approved the appearance and quality of the engine oil by this notification.

Clause 17. The engine oil which has been approved or renewed the certificate of approval before this notification comes into force. The oil trader can continue to use the label that has already been used for 1 year since the date of this notification comes into force. After that the oil trader must display the label in accordance with the conditions under this notification except for the engine oil that get the new certificate (Thor.Por.Kor.415) which changed level of quality by The Department of Energy Business, shall use the label that has already been used for a further 1 year from the expiry date of the certificate. If the oil traders wish to extend the period for using the label, must submit a written request to The Department of Energy Business within 1 year prior the expiry date of the certificate

Notified on 19 August B.E. 2562

Nantika Thangsuphanich

Director-General of the Department of Energy Business

**Annex of the Notification of Department of the Energy Business
Re: Specification for Appearance and Quality of Engine Oils B.E. 2562 (2019)**

Chemical and Physical Properties of Engine Oil

No.	Item	Limit	Viscosity Grade						Test Method
			0W	5W	10W	15W	20W	25W	
1.	Viscosity								
	1.1 at Temperature of °C Centipoise (cP)	Max	-35 6,200	-30 6,600	-25 7,000	-20 7,000	-15 9,500	-10 13,000	ASTM D 5293
	1.2 at 100 °C CentiStoke (cSt)	Min	3.8	3.8	4.1	5.6	5.6	9.3	ASTM D 445
2.	Viscosity Index	Min	-	-	-	-	-	-	ASTM D 2270
3.	Flash Point , °C	Min	← 182 →			← 199 →			ASTM D 92
4.	Pour Point , °C	Max	-	-	-	-	-	-	ASTM D 97
5.	Corrosion	Max	← No. 2a →						ASTM D 130
6.	Water Content , vol%	Max	← 0.05 →						ASTM D 95
7.	Sediment Content , vol%	Max	← 0.07 →						ASTM D 2273
8.	Foaming Characteristics , ml								ASTM D 892
	8.1 Tendency ,sequence 1/2/3								
	- Quality levels lower than API SH and API CG-4	Max	← 25/150/25 →						
	- Quality levels of API SH (Except SAE 5W-30, 10W-30 and 15W-40)	Max	← 25/150/25 →						
	- Quality levels of API SH (SAE 5W-30, 10W-30 and 15W-40 only), and API SJ, SL, SM, and SN, SN PLUS	Max	← 10/50/10 →						
	- Quality levels of API CG-4, CH-4, CI-4, CI-4 PLUS and CJ-4, CK-4 and FA-4	Max	← 10/50/10 →						
	8.2 Sequence 1/2/3 For engine oils of quality levels higher than API SN, SN PLUS and CK-4 and FA-4, the foaming characteristics shall be as specified by the American Petroleum Institute (API) or as specified in ASTM D 4485. The foaming characteristic of engine oils meeting standards other than APIs, shall be as specified in such standards.	Max	← nil/nil/nil →						

- Note: 1. Equivalent test methods may be used, but in case of discrepancy or dispute, the methods prescribed in this Annex shall prevail.
2. Multigrade engine oils shall meet the viscosity requirements of both a “W” low temperature grade and a 100°C operating temperature grade.

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**Annex of the Notification of Department of the Energy Business
Re: Specification for Appearance and Quality of Engine Oils B.E. 2562 (2019)**

Chemical and Physical Properties of Engine Oil

No.	Item	Limit	Viscosity Grade							Test Method	
			8	12	16	20	30	40	50		60
1.	Viscosity										
	1.1 at Temperature of °C Centipoise (cP)	Max	-	-	-	-	-	-	-	-	ASTM D 5293
	1.2 at 100 °C CentiStoke (cSt)	Min	4.0	5.0	6.1	6.9	9.3	12.5	16.3	21.9	ASTM D 445
		Max	< 6.1	< 7.1	< 8.2	< 9.3	< 12.5	< 16.3	< 21.9	< 26.1	
2.	Viscosity Index	Min	←----- 92 -----→							ASTM D 2270	
3.	Flash Point, °C	Min	← 182	→	← 199	→	← 204	→	ASTM D 92		
4.	Pour Point, °C	Max	←----- -6 -----→							ASTM D 97	
5.	Corrosion	Max	←----- No. 2a -----→							ASTM D 130	
6.	Water Content, vol%	Max	←----- 0.05 -----→							ASTM D 95	
7.	Sediment Content, vol%	Max	←----- 0.07 -----→							ASTM D 2273	
8.	Foaming Characteristics, ml 8.1 Tendency, Sequence 1/2/3 - Quality levels lower than API SH and API CG-4 - Quality levels of API SH (Except SAE 5W-30, 10W-30 and 15W-40) - Quality levels of API SH (SAE 5W-30, 10W-30 and 15W-40 only), and API SJ, SL, SM, and SN, SN PLUS - Quality levels of API CG-4, CH-4, CI-4, CI-4 PLUS and CJ-4, CK-4 and FA-4 8.2 Stability, Sequence 1/2/3 For engine oils of quality levels higher than API SN, SN PLUS and CK-4 and FA-4, the foaming characteristics shall be as specified by the American Petroleum Institute (API) or as specified in ASTM D 4485. The foaming characteristic of engine oils meeting standards other than APIs, shall be as specified in such standards.									ASTM D 892	
		Max	←----- 25/150/25 -----→								
		Max	←----- 25/150/25 -----→								
		Max	←----- 10/50/10 -----→								
		Max	←----- 10/50/10 -----→								
		Max	←----- nil/nil/nil -----→								

- Note: 1. Equivalent test methods may be used, but in case of discrepancy or dispute, the methods prescribed in this Annex shall prevail.
2. Multigrade engine oils shall meet the viscosity requirements of both a "W" low temperature grade and a 100°C operating temperature grade.

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**Attachment to the Notification of Department of the Energy Business
Re: Specification for Appearance and Quality of Engine Oils B.E. 2562**

Form Thor Por Kor 414 Page 1

(Garuda Emblem) Department of Energy Business To The Director-General of Department of Energy Business	Notification form for engine oil performance	For official use only
		Form No. _____
		Received on _____
<input type="checkbox"/> Producer <input type="checkbox"/> Importer <input type="checkbox"/> Engine oil traders who possess their own trade names or trademarks	<input type="checkbox"/> Name of Natural person _____ - National ID card no. _____ - Commercial registration certificate no. _____ <input type="checkbox"/> Name of business organization _____ -Business organization registration no. _____	Registration No. _____ Tor Por _____ Tor Por _____ Tor Por _____

In request for approval from the Department of Energy Business, I hereby notify the appearance and quality of engine oils performance.

- New registration number
- Prior registration number (in case of not renew within 60 days prior to the expiry date but can still resubmit the notification form within 60 days from expiry date.)

Prior registration number. _____

Prior Thor Por Kor 415 no. _____ Valid from _____ to _____

as follows :

Address/ Location of head office (A natural person shall identify the address as appears in his or her commercial registration certificate)	House no. ____ Moo ____ Trok/Soi _____ Street _____ Sub-district _____ District _____ Province _____ Postal code _____ Tel _____ Fax _____
Name of producer/ Location of blending	Name _____ House no. ____ Moo ____ Trok/Soi _____ Street _____ Sub-district _____ District _____ Province _____ Postal code _____ Tel _____ Fax _____
Name of packager/ Location of packaging	Name _____ House no. ____ Moo ____ Trok/Soi _____ Street _____ Sub-district _____ District _____ Province _____ Postal code _____ Tel _____ Fax _____
Name of keeper/ Location of storage (Location maps shall be attached)	Name _____ House no. ____ Moo ____ Trok/Soi _____ Street _____ Sub-district _____ District _____ Province _____ Postal code _____ Tel _____ Fax _____
Details of engine oil	Product name _____ Level of quality* <input type="checkbox"/> API (SC and higher, CC and higher) _____ <input type="checkbox"/> ACEA _____ <input type="checkbox"/> JASO _____ <input type="checkbox"/> GLOBAL _____ <input type="checkbox"/> OEM or automotive manufacturers _____ <input type="checkbox"/> Others _____ *Note need to display character or number that indicate level of quality issue year.
	Viscosity Grade SAE _____, SAE _____, SAE _____

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<p>Supporting documents</p>	<p>1. Engine performance information documents</p> <p><input type="checkbox"/> (1) Notification form for engine oil performance (Form Thor Por Kor 414/1)</p> <p><input type="checkbox"/> (2) Formulation of engine oil (Form Thor Por Kor 414/2)</p> <p><input type="checkbox"/>*(3) Datasheets of additives, which shall include information of at least name, type, application, dosage, base number, elemental content, and chemical and physical properties</p> <p><input type="checkbox"/>*(4) Datasheets of base oil used in production, which shall include information of at least production source, group as classified by API, chemical and physical characteristics such as sulphur content, viscosity index, and saturates content (this document is required only for engine oil of quality levels API SJ and higher, or API CH-4 and higher, with an exception of the quality levels that are declared obsolete by API, and for engine oils meeting quality standards other than API, the requirement shall be as specified for such quality levels in such standards)</p> <p><input type="checkbox"/>*(5) Results of engine performance tests, each case is as follows :</p> <p><input type="checkbox"/> In case of the notifying appearance and quality of engine oil for use in 4-stroke gasoline engines or diesel engines, to submit in Thor Por Kor 414/3</p> <p><input type="checkbox"/> In case of the notifying appearance and quality of engine oil for use in 4-stroke gasoline engines or diesel engines and engines performed by Natural Gas , Liquefied Petroleum Gas or other alternative fuels, to submit in Thor Por Kor 414/3 and additional field test report</p> <p><input type="checkbox"/> In case of the notifying appearance and quality of engine oil which the standard of engine oil requires only field test, to submit only field test report</p> <p>(in case of submitting in Thor Por Kor 414/3 , The oil trader also provide a copy of engine test reports issued by the test institutes if the officer requests to inspect</p> <p><input type="checkbox"/>*(6) Formulation of engine oil used in tests of engine performance (Form Thor Por Kor 414/4)</p> <p>* Submitting documents according (3) to (6) each case is as follows :</p> <p><input type="checkbox"/> The supporting documents which has been approved by Department of Energy Business before the oil trader shall notify the appearance and quality of engine oil , to submit the official letter No. _____ and Date of issuance _____</p> <p><input type="checkbox"/> The supporting documents which is same documents</p> <p><input type="checkbox"/> (1) For case the supporting documents same the supporting documents of the engine oils which has been approved , to submit the certification of approval. No. _____ is valid from _____ to _____</p> <p><input type="checkbox"/> (2) For case the supporting documents same the supporting documents of the another engine oils which submitted at the same time , to fill received No.of the another engine oil to refer which the Department of Energy Business issued _____ and received date _____</p> <p><input type="checkbox"/> (7) Letter of consent to permit citation of supporting documents of approved engine oil (Form Thor Por Kor 414/5) and a copy of the referred certificate of approval. {documents (2) – (6) are exempted provided that document (7) is present}</p> <p>2. General information documents</p> <p><input type="checkbox"/> (1) A copy of commercial registration certificate issued not exceeding 6 months from the date of submission of application form with the company's objectives including engine oil trade.</p> <p><input type="checkbox"/> (2) A copy of a national identification card and a copy of a commercial registration certificate with the objectives including engine oil trade (only required for natural person)</p> <p><input type="checkbox"/> (3) Power of attorney letter (if any), which shall be accompanied by a photocopy of national identification cards of principle and authorised person</p> <p><input type="checkbox"/> (4) A written consent to use the premises as head office, blending location, packing location or storage location (required for premises residing in the Kingdom of Thailand which the applicants have no right upon)</p> <p><input type="checkbox"/> (5) Other documents. (if any)</p> <p>{Except submitting the document (1)-(5) in case of the information can be checked by via the network system. }</p>
<p>Channel for receiving result of consideration and the certification of approval</p>	<p><input type="checkbox"/> 1. Receiving by own (To notify contact name) _____ Telephone No. _____ E-mail address _____</p> <p><input type="checkbox"/> 2. Receiving by Domestic registered mail (Send an envelope which specified name and address of the recipient by attaching the stamp 21 baht per weight not over 100 grams including sending responding postcard .</p>

I hereby certify that above statements are all correct and true.

Signature _____ Applicant

(_____ Typed name _____)

Day _____ Month _____ Year _____

Seal of juristic person

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Notification form of engine performance

(For application form no. _____)

Name of engine oil trader (Applicant) _____

Product name _____

Quality level _____

Viscosity grade SAE _____, SAE _____, SAE _____

Total base number (TBN) / Elemental Content		Limits		Test Method ⁽⁴⁾
		Min	Max	
TBN ⁽¹⁾				ASTM D 2896
Elemental content ⁽²⁾ (percent by weight)	Calcium (Ca)			ASTM D 4951
	Magnesium (Mg)			
	Phosphorus (P)			
	Zinc (Zn)			
	Others _____			

	Nitrogen (N)			ASTM D 4629
Sulphur (S) ⁽³⁾				ASTM D 6443
Sulphated ash content ⁽³⁾				ASTM D 874

- Note:
- (1) TBN shall be declared as integer and may vary up to 20% from typical value.
 - (2) - The content of all elements in the active ingredients of the additives shall be declared and may vary up to 20% from their typical values, except in a case where the standards or quality levels the engine oil claims to meet have already specified the limits for some elements, the oil trader shall report the limits for such elements according to those standards or quality levels. It should also be noted that elemental concentration shall be reported to two decimal places, or however three decimal places in a case where the numbers are the same. If the concentration is lower than 0.01 % by wt and rounding off the third digit is not possible, the concentration shall be reported to three decimal places or otherwise four decimal places in a case where the numbers are the same. The elements which concentration is lower than 0.001 % by wt shall not be declared.
- Other elemental contents are Molybdenum (Mo), Boron (B), Sodium (Na), Barium (Ba) and Titanium (Ti) etc.
 - (3) Sulphur and Sulfated ash content shall be declared only when required by some standards or some quality levels that the engine oil claims to meet. The value reported may vary up to 20% from the typical value and within limits according to that standard or quality level, The decimal declaration according to the standard.
 - (4) Equivalent test methods may be used, but in case of discrepancy or dispute, the methods prescribed in this form shall prevail.

I hereby certify that above statements are all correct and true.

Signature _____ Applicant

(_____ Typed name _____)

Day _____ Month _____ Year _____

Seal of juristic person

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Formulations of engine oil to be registered

Product name _____

Quality level _____

SAE Viscosity grade _____

Blending components ¹⁾	Percent by weight (%wt)
1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	
9.	
10.	
.....	
Total	100 %

Note: All components shall be declared, except for dye and perfume. For engine oil of quality levels API SJ and CH-4 or higher, with an exception of the quality levels that are declared obsolete by API, the engine oil traders shall declare the group of all types of base stocks used in production according to API classification, name of manufacturer and location of manufacture. For engine oils claiming quality standards other than API, the requirements shall be as specified in such standards.

I hereby certify that the information contained in this form is true and correct.

For applicant

For engine oil producer/ Formulation Owner

Signature _____

Signature _____

Typed name _____

Typed name _____

Job title _____

Job title _____

Date _____

Date _____

Seal of juristic person

Seal of juristic person

(In case of the submitting via the electronic system ; If the signature of the engine oil producer / Formulation Owner is different from the applicant, the oil trader need to submit a written to the Department of Energy Business by notify name, surname and job title of the engine oil producer / Formulation Owner before submitting to this form via the electronic system.)

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Summary of engine test results

Quality level _____

Test items	Parameters	Test limits	Results	Oil code	Name of test sponsor	Name of testing laboratory	Test run number ⁽¹⁾

Note : 1) As specified by testing laboratory

I hereby certify that the information contained in this form is true and correct.

For test sponsor

Signature _____

Typed name _____

Job title _____

Date _____

Seal of juristic person

For engine oil producer/ Formulation Owner

Signature _____

Typed name _____

Job title _____

Date _____

Seal of juristic person

For applicant

Signature _____

Typed name _____

Job title _____

Date _____

Seal of juristic person

(In case of the submitting via the electronic system ; If the signature of the test sponser / the engine oil producer / Formulation Owner is different from the applicant, the oil trader need to submit a written to the Department of Energy Business by notify name, surname and job title of the engine oil producer / Formulation Owner before submitting this form via the electronic system)

Formulations of engine oil used during the conduct of a test program

Oil code	SAE viscosity grade	Formulation, wt% ¹⁾

Note : 1) All components shall be declared. For engine oil of quality levels API SJ and CH-4 or higher, with an exception of the quality levels that are declared obsolete by API, the engine oil traders shall declare the group of of base all types stocks used in production according to API classification, name of manufacturer and location of manufacture. For engine oils claiming quality standards other than API, the requirements shall be as specified in such standards

I hereby certify that the information contained in this form is correct and true.

For test sponsor

Signature _____
 Typed name _____
 Job title _____
 Date _____
 Seal of juristic person _____

For engine oil producer/ Formulation Owner

Signature _____
 Typed name _____
 Job title _____
 Date _____
 Seal of juristic person _____

For applicant

Signature _____
 Typed name _____
 Job title _____
 Date _____
 Seal of juristic person _____

(In case of the submitting via the electronic system ; If the signature of the test sponser / the engine oil producer / Formulation Owner is different from the applicant, the oil trader need to submit a written to the Department of Energy Business notify by name, surname and job title of the engine oil producer / Formulation Owner before submitting this form via the electronic system)

**Letter of consent
to permit referencing of supporting documents of approved engine oil**

Date _____

1. I (company name) _____

have notified the appearance and quality, and the production formulation of an engine oil

named _____

quality level of _____

viscosity grade of SAE _____, SAE _____, SAE _____

in order to request an approval from the Director-General and have been granted
the certificate of approval in form Thor Por Kor 415 No. _____

is valid from _____ to _____

2. I give my consent to oil trader named _____

to refer to the documents, declaring the engine performance and the production formulation of

my engine oil that has been granted the approval according to 1., as information for the

Department of Energy Business in an evaluation of the notification of the engine performance

of the engine oil named _____ with quality level of _____

viscosity grade of SAE _____, SAE _____, SAE _____

I allow do not allow the above engine oil trader to view or to duplicate the
referencing documents.

Signature _____ (Company giving consent)

(Typed name)

Signature _____ (Witness)

(Seal of juristic person)

(Typed name)

Signature _____ (Witness)

(Typed name)

Note :

(1) The Oil trader who consent to another oil trader refer supporting documents of approved engine oil,
must be the engine oil producer which granted an approval from the Department of Energy Business.

(2) In case the quality level reference , The oil trader wishing refer is able to refer any quality level of
engine oil which the producer has already approved . but the purpose of using for gasoline engines or diesel
engines must be in accordance with the approved engine oil producer .

(3) The expiry date of the certificate of approval of the producer who consent to another oil trader refer,
must be more than 60 days from the expiry date when the oil trader wishing refer request an approval.

(4) In case of submitting via the electronic system, the producer who consent to refer need to notify all
detail in this form via the electronic system before the oil trader wishing to refer shall request an approval.

No. _____

Form Thor Por Kor 415

(Garuda Emblem)

- New registration number
- Old registration number
- Alternation
- Renew

**Certificate of Approval
of Engine Performance of Engine Oil**

This certificate of approval is issued to certify that

Name of engine oil trader _____

Commercial registration certificate no. _____


is granted an approval of the engine performance of engine oil.


Product name _____


Quality level _____

Viscosity grade SAE _____ , SAE _____ , SAE _____

The registration numbers are designated as the followings:

SAE.....  _____

SAE.....  _____

SAE.....  _____

This certificate of approval is valid from _____ to _____

Date of issuance _____

Seal of Department of Energy Business

**Annex of the Notification of Department of the Energy Business
Re: Specification for Appearance and Quality of Engine Oils B.E. 2562**

Form Thor Por Kor 416

(Garuda Emblem) Department of Energy Business To The Director-General of the Department of Energy Business	Notification Form for Certificate of Approval Renewal	For official use only
		Form No. _____
		Received on _____
<input type="checkbox"/> Producer <input type="checkbox"/> Importer <input type="checkbox"/> Engine oil traders who possess their own trade names or trademarks	<input type="checkbox"/> Name of Natural person _____ National ID card no. _____ Commercial registration no. _____ <input type="checkbox"/> Name of business organization _____ Business organization registration no. _____	

I hereby request for a renewal of the Certificate of Approval Thor Por Kor 415 No. _____
 valid form _____ to _____ with the details as follows:

<input type="checkbox"/> Renewal without cancellation of any engine oil registration number.	
<input type="checkbox"/> Renewal with cancellation of some engine oil registration numbers as follows:	
<input type="checkbox"/> Renewal with the reference of the approved engine oil Name of the approved engine oil producer _____ The certificate of approval (Thor Por Kor 415) No. _____ valid from _____ to _____	
Channel for receiving result of consideration and the certification of approval	<input type="checkbox"/> 1. Receiving by own (notify contact name) _____ Telephone No. _____ E-mail address. _____ <input type="checkbox"/> 2. Receiving by Domestic registered mail (Send an envelope which specified name and address of the recipient by attaching the stamp 21 baht per weight not over 100 grams including sending responding postcard .

I confirm that the engine performance and the production formulation of the engine oil of the above registration numbers remain the same as initially approved by the Department of Energy Business.

I hereby certify that the information contained in this form is correct and true.

Signature _____ Applicant
 (_____ Typed name _____)
 Day _____ Month _____ Year _____

Seal of juristic person

(Garuda Emblem) Department of Energy Business To The Director-General of the Department of Energy Business	Sales volume reporting form for 4-stroke gasoline engine oils and diesel engine oils For calendar year.....
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Name of engine oil trader.....

- Producer**
- Importer**
- Engine oil traders who possess their own trade names or trademarks**

still operating **not in business**

Volume : Liter

No.	Name of engine oil (please specify registration number of all approved engine oils, both have volume and no volume)	Standard	Quality level	Viscosity grade (SAE)	Opening stock	Supply / Production Volume				Sales Volume		Closing stock	Remark
						Production for customers (Rebrand)	Production under trade names of your own (Excluding rebrand)	Purchase from other producers and sold using your own trade name (Rebrand)	Import for domestic sale (Excluding the volume imported for export)	Local	Export (Excluding the volume imported for export)		
Total													

- Note :
- If the engine oils were acquired by purchasing from other producers and then were rebranded to your own brand, the names of the original producers must be declared in the remark column.
 - If you produced engine oils for your customers (Reband), you must also fill in and submit page 2 of the thor por kor 417 form.
 - If you imported engine oils and sold to your customers for rebranding, the names of your customers must be declared in the remark column.
 - If import or export engine oil, the names of importing country or exporting country must be declared in the remark column.
 - Besides, submission of a hard copy of a sales volume report, if possible, a soft copy as a Microsoft Excel file should also be submitted via electronic mail .

Signature _____ Engine oil trader

(_____ Typed name _____)

Day _____ Month _____ Year _____

Seal of juristic person

Sales volume reporting form for 4-stroke gasoline engine oils and diesel engine oils

Name of engine oil trader _____

For calendar year _____

Volume : Liter

No.	Name of customer	Name of Engine Oil (please specify registration number)	Standard	Quality level	Viscosity grade (SAE)	Sales volume	Remark
Total							

Remark: Besides submission of a hard copy of a sales volume report, if possible, a soft copy as a Microsoft Excel file should also be submitted via electronic mail

Signature _____ Engine oil trader

(_____ Typed name _____)

Day _____ Month _____ Year _____

Seal of juristic person

**Annex of the Notification of Department of the Energy Business
Re: Specification for Appearance and Quality of Engine Oils B.E. 2562**

Form Thor Por Kor 418 page 1

(Garuda Emblem) Department of Energy Business To The Director-General of the Department of Energy Business	Notification Form Request for Changing or adding information regarding the appearance and quality of engine oils	For official use only Form No. _____ (previously submitted form No. _____)
		Received on _____ (date on the oil trader Request for Changing or adding information.)
	<input type="checkbox"/> Producer <input type="checkbox"/> Importer <input type="checkbox"/> Engine oil traders who possess their own trade names or Trademarks	<input type="checkbox"/> Name of Natural person _____ National ID card no. _____ Commercial registration certificate no. _____ <input type="checkbox"/> Name of business organization _____ Business organization registration no. _____

In request for Changing or adding information regarding the appearance and quality of engine oils with the details as follows:

Details of engine oil	<input type="checkbox"/> Product Name _____
	<input type="checkbox"/> Standard / Level of Quality _____
	<input type="checkbox"/> Registration No . _____
	<input type="checkbox"/> The certificate of Approval Thor Por Kor 415 No. _____ valid form _____ to _____

Details of changing or adding information	<input type="checkbox"/> Product Name _____
	<input type="checkbox"/> Standard / Level of Quality _____ (Request for changing product name and standard / level of quality, This engine oil must not be distribute under previously approval product name and standard / level of quality and must send back the original of the certificate of approval in form Thor Por Kor 415 to the Department of Energy Business)
	<input type="checkbox"/> Form Thor Por Kor 414/1 _____
	<input type="checkbox"/> Form Thor Por Kor 414/2 _____
	<input type="checkbox"/> Form Thor Por Kor 414/3 _____
	<input type="checkbox"/> Form Thor Por Kor 414/4 _____
	<input type="checkbox"/> Form Thor Por Kor 414/5 _____
	<input type="checkbox"/> Datasheets of additives _____ <input type="checkbox"/> Datasheets of base oils _____ <input type="checkbox"/> Copy of engine test report (If any) _____ <input type="checkbox"/> Other document (If any) _____

The English text is an unofficial translation. In case of any discrepancies between the Thai text and the English translation, the Thai text shall prevail.

<p>Supporting document for changing or adding information (details of such document as specified in form Thor Por Kor 414)</p>	<p><input type="checkbox"/> Form Thor Por Kor 414/1 _____</p> <p><input type="checkbox"/> Form Thor Por Kor 414/2 _____</p> <p><input type="checkbox"/> Form Thor Por Kor 414/3 _____</p> <p><input type="checkbox"/> Form Thor Por Kor 414/4 _____</p> <p><input type="checkbox"/> Form Thor Por Kor 414/5 _____</p> <p><input type="checkbox"/> Datasheets of additives _____</p> <p><input type="checkbox"/> Datasheets of base oils _____</p> <p><input type="checkbox"/> Copy of engine test report (If any) _____</p> <p><input type="checkbox"/> Other document (If any) _____</p> <p><input type="checkbox"/> The certificate of approval Thor Por Kor 415 (An original)</p> <p><input type="checkbox"/> Submitted to the Department of Energy Business Attach an original _____</p> <p><input type="checkbox"/> Submitted via the electronic system Send return to the Department of Energy Business by post registered mail no _____</p> <p><input type="checkbox"/> If the original certificate of approval Thor Por Kor 415 disappear , Need to report thr disappearance to the police and attach a notification document</p>
<p>Channel for receiving result of consideration and the certification of approval Channel for receiving result of consideration and the certification of approval</p>	<p><input type="checkbox"/> 1. Receiving by own (notify contact name) _____ Telephone No. _____ E-mail address. _____</p> <p><input type="checkbox"/> 2. Receiving by Domestic registered mail (Send an envelope which specified name and address of the recipient by attaching the stamp 21 baht (in case attach Thor Por Kor 415) or 19 baht (in case not attach Thor Por Kor 415) per weight not over 100 grams including sending responding postcard .</p>

I hereby certify that above statements are all correct and true.

Signature _____ Applicant

(_____ Typed name _____)

Day _____ Month _____ Year _____

Seal of juristic person

**Annex of the Notification of Department of the Energy Business
Re: Specification for Appearance and Quality of Engine Oils B.E. 2562**

Form Thor Por Kor 419

(Garuda Emblem) Department of Energy Business To The Director-General of the Department of Energy Business	Notification Form Request for revoke the Certificate of approval and registration number of engine oil	For official use only
		Form No. _____
		Received on _____
<input type="checkbox"/> Producer <input type="checkbox"/> Importer <input type="checkbox"/> Engine oil traders who possess their own trade names or Trademarks	<input type="checkbox"/> Name of Natural person _____ National ID card no. _____ Commercial registration certificate no. _____	
	<input type="checkbox"/> Name of business organization _____ Business organization registration no. _____	

In request for revoke the Certificate of approval and registration number of engine oil with the details as follows:

The certificate of approval No.	Valid from	To

- The certificate of approval Thor Por Kor 415 (An original.)
 - Submitted to the Department of Energy Business
Attach an original _____
 - Submitted via the electronic system
Send return to the Department of Energy Business by post
registered mail no _____
 - If the original certificate of approval Thor Por Kor 415 disappear ,
Need to report thr disappearance to the police and attach a notification document

Channel for receiving result of consideration and the certification of approval Channel for receiving result of consideration and the certification of approval	<input type="checkbox"/> 1. Receiving by own (To notify contact name) _____ Telephone No. _____ E-mail address. _____ <input type="checkbox"/> 2. Receiving by Domestic registered mail (Send an envelope which specified name and address of the recipient by attaching the stamp 21 baht (in case attach Thor Por Kor 415) or 19 baht (in case not attach Thor Por Kor 415) per weight not over 100 grams including sending responding postcard .
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I hereby certify that above statements are all correct and true.

Signature _____ Applicant
 (_____ Typed name _____)
 Day _____ Month _____ Year _____

Seal of juristic person

