

20 BERKELEY SQUARE
LONDON, W.1.
Grosvenor 6030.

T. R.A. BEVAN.

19th September, 1960

Dear Bob,

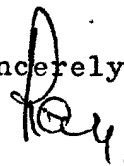
T.M.L.

I enclose for your information copy of
a recent exchange of correspondence with our Agents
in Japan.

We have purposely refrained from giving
them any detailed information in the belief that this
will have already been provided to M.I.T.I. through
either or both Ethyl Corporation and Dupont.

Looking forward to seeing you in October.

Sincerely,



Dr. R.A. Kehoe,
The Kettering Laboratory,
University of Cincinnati,
Eden Avenue,
Cincinnati,
Ohio.

N9637

COPY

S.M.I.I. Japan

19th September 1960

Sakae Kigyo Co., Ltd.,
Ogura Building,
No. 1, 2-chome, Nihombashi-Kobuna-Cho,
Chuo-ku,
Tokyo,
Japan.

Dear Sirs:

We acknowledge receipt of your letter No. 60-215 of the 3rd September in which you refer to information on Tetramethyl Lead which has been requested by M.I.T.I.'s Petroleum Section.

As you are aware this material at the present time is supplied from sources available to us in the United States. We presume therefore that M.I.T.I. will already have received the answers to their questions from the manufacturers in the U.S.A. and it would not appear to us to be necessary to repeat the technical information in their possession.

Nevertheless the answers to the questions you have posed are as follows:

1. TetraMethyl Lead does not appear to be any more toxic than Tetraethyl Lead which is currently being used in gasoline in Japan.
2. The chemical formula of T.M.L. is as follows:
$$\text{Pb}(\text{CH}_3)_4$$
3. The subsequent state of T.M.L. when blended with gasoline is a homogeneous mixture, though precipitation may take place after long periods of storage in approximately the same manner as may occur with T.E.L.
4. The maximum concentration of T.M.L. in Motor gasoline permitted under our Terms of Supply is as follows:

N9637.01

Motor gasoline shall not contain more than:

0.54 ccs of T.M.L. per litre
2.05 ccs of T.M.L. per U.S. Gallon
2.46 ccs of T.M.L. per Imperial Gallon

KE 0008231

We enclose copy of this letter so that you may if you wish forward it to M.I.T.I.'s Petroleum Section. Should there be any additional information which they require no doubt you will let us know.

In reply to the last paragraph of your letter we confirm that the anti-knock compounds contained in Tetraethyl Lead and anti-knock compounds contained in Tetramethyl Lead are the only anti-knock agents which we currently supply.

Yours very truly,

for C. H. NOBLE

J.P.B. de la Courton

KE 0008232

COPY

from:

SAKAE KIGYO CO., LTD.,

Ogura Building,
No. 1,2-Chome Nihombashi-Kobuna-Cho,
Chuo-Ku Tokyo,
Japan

Our Ref. No.60-215

Tokyo, 3rd September, 1960

The Sales Manager,
The Associated Ethyl Co. Ltd.,
20, Berkeley Square,
London, W.1.
England.

Dear Sir,

T.M.L.

As we are now requested by the MITI's Petroleum Station and the Petroleum Association of Japan to make the following enquiries, we would appreciate if you would kindly let us have your information in due course (in the course of September, if possible).

It is intended for reference in respect of necessary revisions in relevant laws and regulations when the importation of T.M.L. is officially recognised in future.

1. All information and data regarding the toxic character of T.M.L.
2. The chemical formula of T.M.L.
3. State subsequent to the blending of T.M.L. with Gasoline (i.e. whether it remains blended or becomes separated).
4. Suggested blending ratio with Gasoline according to uses.

If you have any information on other new anti-knock agents, we wish you would kindly let us know.

Yours very truly,

For: Sakae Kigyo Co. Ltd.

(Signed) K.Kasuga)
for Managing Director

TS/sk

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