

CLASS OF SERVICE

This is a fast message unless its deferred character is indicated by the proper symbol.

WESTERN UNION TELEGRAM

W. P. MARSHALL, PRESIDENT

SYMBOLS

DL=Day Letter

NL=Night Letter

LT=International
Letter Telegram

1201

The filing time shown in the date line on domestic telegrams is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination

JUL 25 PM 7 24

TO ENFORCE ITS OWN TEL REGULATIONS INSTEAD OF ACCEPTING THOSE RECOMMENDED AND APPROVED BY THE SURGEON GENERAL'S OFFICE.

9 SO MUCH FOR BACKGROUND. WHAT ARE THE VARIOUS ASPECTS OF THE SITUATION TODAY? THEY FALL INTO FOUR CATEGORIES AND I'LL TRY TO GIVE YOU A BRIEF SUMMARY OF EACH ONE.

9 A. MECHANICAL OR TECHNICAL

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

KE 0005035

CLASS OF SERVICE

This is a fast message unless its deferred character is indicated by the proper symbol.

WESTERN UNION TELEGRAM

W. P. MARSHALL, PRESIDENT

SYMBOLS

DL=Day Letter

NL=Night Letter

LT=International
Letter Telegram

1201

The filing time shown in the date line on domestic telegrams is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination

1956 JUL 25 PM 7 26

¶ INCONSIDERING ANY INCREASE IN MAXIMUM TEL CONCENTRATION, IT WAS NECESSARY TO KNOW, FIRST OF ALL, IF AUTOMOTIVE ENGINES COULD DIGEST MORE LEAD WITHOUT ANY SERIOUS ADVERSE EFFECTS. FOR EXAMPLE, WOULD THERE BE PROBLEMS OF ENGINE DURABILITY, INCLUDING SPARK PLUGS AND VALVES?

¶ ETHYL HAS COMPLETED COMPREHENSIVE STUDIES OF PASSENGER CAR, TRUCK AND FARM TRACTOR ENGINES BOTH IN

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

KE 0005036

CLASS OF SERVICE

This is a fast message unless its deferred character is indicated by the proper symbol.

WESTERN UNION TELEGRAM

W. P. MARSHALL, PRESIDENT

SYMBOLS

DL=Day Letter

NL=Night Letter

LT=International
Letter Telegram

1201

The filing time shown in the date line on domestic telegrams is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination

THE LABORATORY AND IN ACTUAL OPERATION. ALL TESTS, INCIDENTALLY, WERE RUN AT AN EVEN 4 ML. TEL. HERE BRIEFLY, IS WHAT THE TESTS SHOWED:

¶ 1. ENGINES CAN UTILIZE 4 ML. TEL WITHOUT ANY UNDUE PROBLEMS AND WITHOUT ANY SERIOUS INCREASE IN MAINTENANCE.

¶ 2. DEPOSIT EFFECT STUDIES SHOWED: A. NO INCREASE IN OCTANE REQUIREMENTS WITH 4TH ML.

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

RE 0005037

CLASS OF SERVICE

This is a fast message unless its deferred character is indicated by the proper symbol.

WESTERN UNION TELEGRAM

W. P. MARSHALL, PRESIDENT

SYMBOLS

DL=Day Letter

NL=Night Letter

LT=International Letter Telegram

1201

The filing time shown in the date line on domestic telegrams is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination

1925 JUL 25 PM 7 24

¶ B. NO SIGNIFICANT DIFFERENCE IN SURFACE IGNITION.

¶ 3. OUR DURABILITY STUDIES SHOWED:

¶ A. SOME INCREASED SPARK PLUG FOULING BUT NOT OF A SERIOUS NATURE.

¶ B. NO SIGNIFICANT CHANGE IN EXHAUST VALVE DURABILITY.

¶ C. SOME INCREASE IN CYLINDER BORE AND PISTON RING WEAR.

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

KE 0005038

CLASS OF SERVICE

This is a fast message unless its deferred character is indicated by the proper symbol.

WESTERN UNION TELEGRAM

W. P. MARSHALL, PRESIDENT

SYMBOLS

DL=Day Letter

NL=Night Letter

LT=International Letter Telegram

1201

The filing time shown in the date line on domestic telegrams is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination

1925 JUL 25 PM 7 24

4. IN LOOKING AT THE DURABILITY PICTURE, YOU WILL RECALL THAT WHEN TEL WAS FIRST USED IN GASOLINE SOME 30 YEARS AGO ENGINE DURABILITY WAS A SERIOUS PROBLEM. SINCE THAT TIME, TREMENDOUS PROGRESS HAS BEEN MADE IN IMPROVING DURABILITY, AND I MIGHT SAY IN PASSING THAT ETHYL HAS CONTRIBUTED TO THESE NOTABLE GAINS THROUGH ITS COOPERATIVE WORK WITH REFINERS AND ENGINE MANUFACTURERS. MECHANICAL PROBLEMS TODAY ARE AT A VERY

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

KE 0005039

CLASS OF SERVICE

This is a fast message unless its deferred character is indicated by the proper symbol.

WESTERN UNION TELEGRAM

W. P. MARSHALL, PRESIDENT

SYMBOLS

DL=Day Letter

NL=Night Letter

LT=International
Letter Telegram

1201

The filing time shown in the date line on domestic telegrams is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination.

LOW LEVEL, AND THERE IS NO INDICATION THAT THERE WILL BE ANY SERIOUS INCREASE IN MAINTENANCE PROBLEMS WITH PRESENT OR FUTURE CARS ON 4 ML. TEL.

9 B. ECONOMICS

9 OUR STUDIES OF THE 4TH ML. SUPPORT THE OPINION OF MANY REFINERS WHO BELIEVE THAT THE USE OF A HIGHER TEL CONCENTRATION WOULD BE DISTINCTLY ADVANTAGEOUS ON A COST-EFFECTIVENESS BASIS.

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

KE 0005040

CLASS OF SERVICE

This is a fast message unless its deferred character is indicated by the proper symbol.

WESTERN UNION TELEGRAM

W. P. MARSHALL, PRESIDENT

SYMBOLS

DL=Day Letter

NL=Night Letter

LT=International Letter Telegram

1201

The filing time shown in the date line on domestic telegrams is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination.

¶ FIRST, OUR STUDIES SHOW THAT THE 4TH ML. IS ABOUT 70-0/0 AS EFFECTIVE AS THE 3RD.

¶ SECONDLY, THEY SHOW THAT THE 4TH ML. IS DEFINITELY FAVORABLE AT PRESENT OCTANE LEVELS, AND WOULD BECOME EVEN MORE FAVORABLE AS OCTANE LEVELS INCREASE.

¶ RIGHT NOW, TEL IS FULLY COMPETITIVE WITH CATALYTIC REFORMING. THEY BOTH COST BETWEEN 4 AND 5 CENTS RONB, ON THE AVERAGE. WITHIN A YEAR OR SO, IT IS

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

KE 0005041

CLASS OF SERVICE

This is a fast message unless its deferred character is indicated by the proper symbol.

WESTERN UNION TELEGRAM

W. P. MARSHALL, PRESIDENT

SYMBOLS

DL=Day Letter

NL=Night Letter

LT=International
Letter Telegram

1201

The filing time shown in the date line on domestic telegrams is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination

106 JUL 25 PM 7

EXPECTED, THE OIL INDUSTRY WILL HAVE INSTALLED ALL OF THE CATALYTIC REFORMING CAPACITY IT CAN PHYSICALLY USE. THEREAFTER, THE AVERAGE REFINER'S OCTANE IMPROVEMENT COSTS WILL INCREASE SHARPLY, BECAUSE OF THE INCREASING NEED FOR MORE SEVERE REFORMING TO REACH HIGHER OCTANE LEVELS.

9 FOR REFINERS NOW USING ABOVE 2.5 ML. TEL, OUR STUDIES SHOW THAT THEIR OCTANE IMPROVEMENT COSTS THROUGH

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

KE 0005042

CLASS OF SERVICE

This is a fast message unless its deferred character is indicated by the proper symbol.

WESTERN UNION TELEGRAM

W. P. MARSHALL, PRESIDENT

SYMBOLS

DL=Day Letter

NL=Night Letter

LT=International Letter Telegram

1201

The filing time shown in the date line on domestic telegrams is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination

1956 JUL 25 PM 7 24

PROCESSING WILL RANGE BETWEEN 10 AND 15 CENTS RONB FROM 1958 ON. AGAINST THIS, THEY CAN OBTAIN AN AVERAGE 0.8 OCTANE NUMBER FROM THE 4TH ML. AT A WEIGHTED AVERAGE COST OF 10.9 CENTS RONB. FOR REFINERS NOW USING BELOW 2.5 ML. TEL, GOING TO 3 ML. WILL GIVE THEM AN AVERAGE 1.2 OCTANE NUMBERS AT AN AVERAGE COST OF 7.4 CENTS RONB. CLEARLY, AVAILABILITY OF THE 4TH ML. WOULD GIVE

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

KE
0005043

CLASS OF SERVICE

This is a fast message unless its deferred character is indicated by the proper symbol.

WESTERN UNION TELEGRAM

W. P. MARSHALL, PRESIDENT

SYMBOLS

DL=Day Letter

NL=Night Letter

LT=International Letter Telegram

1201

The filing time shown in the date line on domestic telegrams is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination

1953 JUL 25 PM 17 24

THE OIL INDUSTRY AN ESTIMATED SAVING IN CRUDE OIL CONSUMPTION AMOUNTING TO \$150 MILLION A YEAR, PLUS DEFINITE SAVINGS IN CAPITAL INVESTMENT AND IN PROCESSING COSTS.

9 ALTHOUGH EACH REFINER MUST STUDY HIS OWN COST ANALYSIS, AT TODAY'S OCTANE LEVELS AND CERTAINLY IN THE FUTURE, AN ADDITIONAL ML. TEL SEEMS MOST PROFITABLE IN REFINERY ECONOMICS.

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

KE 0005044

CLASS OF SERVICE

This is a fast message unless its deferred character is indicated by the proper symbol.

WESTERN UNION TELEGRAM

W. P. MARSHALL, PRESIDENT

1201

SYMBOLS

DL=Day Letter

NL=Night Letter

LT=International
Letter Telegram

The filing time shown in the date line on domestic telegrams is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination

1955 JUL 25 PM 7 2

¶ C. MEDICAL OR PUBLIC HEALTH.

¶ THE OTHER ASPECTS OF ADDITIONAL TEL BECOME
ACADEMIC UNLESS THERE ARE NO INCREASED PROBLEMS IN THIS
AREA.

¶ THERE ARE FOUR QUESTIONS TO BE ANSWERED BEFORE
WE CAN REACH A CONCLUSION ON 4TH ML. FOR TEL.

¶ Q1. HOW MUCH MORE LEAD WILL BE EXHAUSTED AT 4
ML. PER GALLON?

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

KE 0005045

CLASS OF SERVICE

This is a fast message unless its deferred character is indicated by the proper symbol.

WESTERN UNION TELEGRAM

W. P. MARSHALL, PRESIDENT

SYMBOLS

DL=Day Letter

NL=Night Letter

LT=International
Letter Telegram

1201

The filing time shown in the date line on domestic telegrams is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination

1956 JUL 25 PM 7 2

¶ STUDY OF THIS PHASE HAS BEEN COMPLETED BY ETHYL AND RESULTS ARE READY FOR PUBLICATION. WF RESULTS ARE:

¶ 1. AUTOMOTIVE EXHAUST SYSTEM COLLECTS LEAD PARTICLES AND ACCUMULATION LEVELS OFF AT ABOUT 4,000 TO 5,000 MILES.

¶ 2. AT 5,000 MILES, BETWEEN 30-0/0-60-0/0 OF LEAD INTRODUCED INTO ENGINE IS BEING EXHAUSTED UNDER CITY DRIVING CONDITIONS. THE REST IS TRAPPED IN THE

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

KE 0005046

CLASS OF SERVICE

This is a fast message unless its deferred character is indicated by the proper symbol.

WESTERN UNION TELEGRAM

W. P. MARSHALL, PRESIDENT

SYMBOLS

DL=Day Letter

NL=Night Letter

LT=International
Letter Telegram

1201

The filing time shown in the date line on domestic telegrams is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination

1956 JUL 25 PM 7 24

TAIL PIPE OR EXHAUST SYSTEM.

¶ 3. UNDER SUSTAINED ACCELERATION AND HIGH SPEED CRUISING, MOST CARS EXHAUST CROSSING, MOST CARS EXHAUST MORE LEAD THAN THEY TAKE IN.

¶ HAPPILY THIS IS GENERALLY ON THE OPEN ROAD WHERE DANGER FROM ATMOSPHERIC CONTAMINATION IS LESS THAN IN CITIES.

¶ 4. IN GENERAL, IF WE PUT MORE TEL IN GASOLINE

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

KE

0005047

CLASS OF SERVICE

This is a fast message unless its deferred character is indicated by the proper symbol.

WESTERN UNION TELEGRAM

W. P. MARSHALL, PRESIDENT

SYMBOLS

DL=Day Letter
NL=Night Letter
LT=International Letter Telegram

1201

The filing time shown in the date line on domestic telegrams is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination

1956 JUL 25 PM 7 24

MORE LEAD WILL COME OUT OF THE TAILPIPE. HOWEVER, IT SHOULD CAUSE NO (SERIOUS) PROBLEM REGARDING AIR POLUTION IN CITIES AND IS NO PROBLEM ON THE OPEN ROAD.

Q Q2. WHAT ABOUT LEAD IN THE ATMOSPHERE OF AMERICAN CITIES AND WILL A 4TH ML. OF TEL HAVE ANY SERIOUS EFFECTS?

Q THIS STUDY IS ALMOST COMPLETED AND WE NOW HAVE GOOD EVIDENCE TO SUPPORT ADDITIONAL TEL.

The present problem has been under investigation for many years.

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

RE 0005040

CLASS OF SERVICE

This is a fast message unless its deferred character is indicated by the proper symbol.

WESTERN UNION TELEGRAM

W. P. MARSHALL, PRESIDENT

1201

SYMBOLS

DL=Day Letter

NL=Night Letter

LT=International Letter Telegram

The filing time shown in the date line on domestic telegrams is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination

JUL 25 PM 7 2

Basic information :-

~~PRELIMINARY RESULTS:~~ *at least*

LEAD IN ATMOSPHERE COMES FROM 5 SOURCES:

- A. THE SOIL--ALL OF WHICH CONTAINS LEAD AS WELL AS OTHER ELEMENTS.
- B. COMBUSTION OF FUEL--COAL, WOOD AND VEGETATION
- C. DISINTEGRATION OF HEAVENLY BODIES--"STARDUST"
- D. INDUSTRIAL OPERATIONS USING LEAD
- E. (FINALLY)--AUTOMOTIVE EXHAUSTS FROM TEL

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

KE 0005049

CLASS OF SERVICE

This is a fast message unless its deferred character is indicated by the proper symbol.

WESTERN UNION TELEGRAM

W. P. MARSHALL, PRESIDENT

SYMBOLS

DL=Day Letter

NL=Night Letter

LT=International Letter Telegram

1201

The filing time shown in the date line on domestic telegrams is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination

1956 JUL 25 PM 7 125

¶ WHILE WE CAN DETERMINE TOTAL LEAD IN ATMOSPHERE WE CANNOT DETERMINE INDIVIDUAL SOURCES.

¶ IF TOTAL LEAD IN AIR SHOULD BECOME DANGEROUSLY HIGH--THE EASIEST WAY TO REDUCE THAT TOTAL WOULD BE TO TAKE TEL OUT OF GASOLINE. TODAY, EVEN IN LOS ANGELES TOTAL LEAD IS FAR FROM DANGER POINT.

¶ Q3. ABSORPTION OF LEAD BY GENERAL POPULATION AND IN PARTICULAR BY SUCH AS SERVICE STATION ATTENDANTS,

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

KE 0005050

CLASS OF SERVICE

This is a fast message unless its deferred character is indicated by the proper symbol.

WESTERN UNION TELEGRAM

W. P. MARSHALL, PRESIDENT

1201

SYMBOLS

DL=Day Letter

NL=Night Letter

LT=International Letter Telegram

The filing time shown in the date line on domestic telegrams is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination

1955 JUL 25 PM 7 25

Garage
GARAGE MECHANICS, BULK PLANT AND REFINERY WORKERS,
TRAFFIC POLICE, ETC.

many persons in various parts of the country
THIS INFORMATION IS BEING OBTAINED BY TESTING
OVER 500 PERSONS. THIS WORK IS WELL UNDER WAY AND *indicative* FINAL
RESULTS SHOULD BE AVAILABLE EARLY IN 1957.

Q4. WHAT ARE THE LIMITS OF LEAD EXPOSURE FOR
HUMAN BEINGS?

LONG-TERM STUDY STARTED IN *1939 are* (1950) STILL UNDER WAY;

of human subjects under carefully controlled experimental conditions

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

KE 0005051

CLASS OF SERVICE

This is a fast message unless its deferred character is indicated by the proper symbol.

WESTERN UNION TELEGRAM

W. P. MARSHALL, PRESIDENT

SYMBOLS

DL=Day Letter

NL=Night Letter

LT=International
Letter Telegram

1201

The filing time shown in the date line on domestic telegrams is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination

1956 JUL 25 PM 7 25

~~UNIQUE EXPERIMENTS WITH HUMAN BEINGS.~~

9 EACH PERSON CARRIES ON HIS DAY'S WORK OVER PERIOD OF MONTHS OR YEARS IN A RESPIRATORY CHAMBER TO WHICH A KNOWN AMOUNT OF LEAD IS ADDED TO AIR. ALSO MEASURE CAREFULLY LEAD IN FOOD AND WATER BY TESTING DUPLICATES OF ALL FOOD CONSUMED. FINALLY EXAMINE LEAD IN ALL EXCRETION--SO THIS IS VERY ACCURATE SINCE DAILY BALANCE IS MAINTAINED.

This involves daily determination of the amounts of lead in all food and beverages and in the air breathed by human beings, as well as all lead eliminated daily in the excretions of the body.

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

RE 0005027

CLASS OF SERVICE

This is a fast message unless its deferred character is indicated by the proper symbol.

WESTERN UNION TELEGRAM

W. P. MARSHALL, PRESIDENT

SYMBOLS

DL=Day Letter

NL=Night Letter

LT=International Letter Telegram

1201

The filing time shown in the date line on domestic telegrams is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination

1956 JUL 25 PM 7 25

THIS WORK WILL DEFINE SAFE LIMITS OF ^{told human} LEAD ABSORPTION AND SHOULD BE COMPLETE ENOUGH TO HAVE ANSWER DURING 1957. *Before the end of 1957 to show whether or not it is advisable to change or maintain the present limitation of Pb in motor gasoline*

D. PUBLIC RELATIONS

1. SO FAR WE HAVE DISCUSSED THREE OF THE FOUR MAJOR FACTORS OF THE 4TH ML. THE REMAINING FACTOR IS THAT OF PUBLIC RELATIONS, OR MORE SPECIFICALLY, THE PUBLIC'S REACTION TO THIS HIGHER CONCENTRATION OF LEAD

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

KE 0005028

CLASS OF SERVICE

This is a fast message unless its deferred character is indicated by the proper symbol.

WESTERN UNION TELEGRAM

W. P. MARSHALL, PRESIDENT

SYMBOLS

DL=Day Letter

NL=Night Letter

LT=International
Letter Telegram

1201

The filing time shown in the date line on domestic telegrams is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination

1956 JUL 25 PM 7 25

IN GASOLINE AND ITS PRESENCE IN THE AIR THEY BREATHE.

2. SMOG, AS WE ALL KNOW, IS A SERIOUS PROBLEM, NOT ONLY IN LOS ANGELES BUT IN VARYING DEGREES IN OTHER SECTIONS OF THE COUNTRY. MANY CONTRIBUTING CAUSES TO SMOG HAVE BEEN ESTABLISHED, BUT ONE CAUSE UPPERMOST IN THE PUBLIC MIND IS AIR CONTAMINATION RESULTING FROM AUTOMOTIVE EXHAUST, WHICH INCLUDES LEAD. 3. THE FACT IS THAT HUMANS TAKE IN MORE LEAD FROM FOOD AND DRINK THAN

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

KE 0005029

CLASS OF SERVICE

This is a fast message unless its deferred character is indicated by the proper symbol.

WESTERN UNION TELEGRAM

W. P. MARSHALL, PRESIDENT

SYMBOLS

DL=Day Letter
NL=Night Letter
LT=International Letter Telegram

1201

The filing time shown in the date line on domestic telegrams is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination

1954 JUL 25 PM 7 25

THEY DO FROM THE ATMOSPHERE. OUR STUDIES ^{suggest} (WHOW) THAT AN INCREASE FROM 3 ML. TO 4 ML. WOULD NOT SUBSTANTIALLY INCREASE THE TOTAL AMOUNT OF LEAD-- FROM ALL SOURCES-- IN THE ATMOSPHERE.

4. NEVERTHELESS, IF HIGHER CONCENTRATIONS OF TEL WERE USED WITHOUT A CAREFULLY DOCUMENTED, CAREFULLY PLANNED AND CAREFULLY TIMED PROGRAM OF INFORMATION. IT COULD VERY WELL SERVE TO AGGRAVATE THE AMOUNT OF

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

KE 0005030

CLASS OF SERVICE

This is a fast message unless its deferred character is indicated by the proper symbol.

WESTERN UNION TELEGRAM

W. P. MARSHALL, PRESIDENT

SYMBOLS

DL=Day Letter

NL=Night Letter

LT=International
Letter Telegram

1201

The filing time shown in the date line on domestic telegrams is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination

JUL 25 PM 7 25

MISUNDERSTANDING THAT ALREADY EXISTS ABOUT THE CONTRIBUTION OF AUTOMOTIVE EXHAUST TO THE PROBLEM OF AIR POLLUTION.

9 5. THE DIFFICULTY WE IN THE OIL INDUSTRY FACE IS THAT AUTOMOBILE EXHAUST IS ONE OF THE OBVIOUS CONTRIBUTORS TO AIR POLLUTION. NARROWING THE PROBLEM DOWN TO LEAD, WE MUST NOT FORGET THIS INESCAPABLE FACT: IT WOULD BE MUCH EASIER TO ELIMINATE THE LEAD FROM MOTOR

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

KE 0005031

CLASS OF SERVICE

This is a fast message unless its deferred character is indicated by the proper symbol.

WESTERN UNION TELEGRAM

W. P. MARSHALL, PRESIDENT

SYMBOLS

DL=Day Letter

NL=Night Letter

LT=International
Letter Telegram

1201

The filing time shown in the date line on domestic telegrams is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination

1956 JUL 25 PM 7 25

FUELS THAN IT WOULD BE TO REMOVE LEAD FROM OUR FOOD AND DRINK.

¶ 6. AS YOU KNOW, A MISINFORMED PUBLIC OPINION COULD RESULT IN A HODGE-^{podge}EDGE OF STATE REGULATIONS OF THE USE OF TEL IN MOTOR FUEL. SUCH REGULATIONS, VARYING FROM STATE TO STATE, COULD WORK A TREMENDOUS HARDSHIP ON THE OIL INDUSTRY.

¶ 7. NOT UNTIL ALL THE FACTS ARE KNOWN AND ASSEMBLED CAN OR SHOULD THE PUBLIC HEALTH SERVICE BE

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

KE 0005232

CLASS OF SERVICE

This is a fast message unless its deferred character is indicated by the proper symbol.

WESTERN UNION TELEGRAM

W. P. MARSHALL, PRESIDENT

SYMBOLS

DL=Day Letter

NL=Night Letter

LT=International Letter Telegram

1201

The filing time shown in the date line on domestic telegrams is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination

1956 JUL 25 PM 7 25

ASKED TO SANCTION AN INCREASE IN THE TEL LIMITATION.

¶ 8. ETHYL'S STUDIES TO DATE ALREADY PROVE THAT TEL BEYOND 3 ML. IS ECONOMICALLY SOUND. BUT IT WILL BE NEXT YEAR, 1957, BEFORE THE MEDICAL EVIDENCE IS CONCLUSIVE. *sufficient to support said judgment.*

¶ 9. WE HAVE ACCELERATED OUR UNFINISHED PROGRAMS AS MUCH AS POSSIBLE AND YOU CAN BE SURE THAT WE WILL REPORT TO YOU ON NEW DEVELOPMENTS.

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

KE 0005033

CLASS OF SERVICE

This is a fast message unless its deferred character is indicated by the proper symbol.

WESTERN UNION TELEGRAM

W. P. MARSHALL, PRESIDENT

1201

SYMBOLS

DL=Day Letter

NL=Night Letter

LT=International
Letter Telegram

The filing time shown in the date line on domestic telegrams is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination

1054 JUL 25 PM 7 25

¶ 10. WE APPRECIATE THE OPPORTUNITY TO GIVE THIS
PROGRESS REPORT. SHOULD YOUR TECHNICAL OR MEDICAL
PERSONNEL LIKE TO DISCUSS THE DETAILS OF ANY OF THE
POINTS RAISED, WE WILL BE VERY HAPPY TO ARRANGE FOR OUR
PEOPLE TO GET TOGETHER WITH THEM.

¶ 11. THANK YOU.=

JAMES E BOUDREAU=

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

KE

0005034