

**GOVERNMENT OF INDIA  
MINISTRY OF RAILWAYS**

**LOK SABHA  
STARRED QUESTION NO.487  
TO BE ANSWERED ON 06.04.2022**

**USE OF BIO-DIESEL**

**\*487. SHRI P.P. CHAUDHARY:  
SHRI RAJENDRA AGRAWAL:**

**Will the Minister of RAILWAYS be pleased to state:**

- (a) the amount of money spent by the Indian Railways on high-speed diesel annually, along with the annual imported fuel bill;**
- (b) the amount of money spent by the Indian Railways on maintenance of locomotives, separately for both Electric and Diesel, annually;**
- (c) whether it is possible to develop and run locomotives that can use Ethanol or Bio-Diesel;**
- (d) If so, the details thereof; and**
- (e) the steps taken by the Government to achieve India's ambitious goal of 100% electrification of Railways?**

**ANSWER**

**MINISTER OF RAILWAYS, COMMUNICATIONS AND  
ELECTRONICS & INFORMATION TECHNOLOGY**

**(SHRI ASHWINI VAISHNAW)**

**(a) to (e): A Statement is laid on the Table of the House.**

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**STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (e) OF STARRED QUESTION NO. 487 BY SHRI P.P. CHAUDHARY AND SHRI RAJENDRA AGRAWAL TO BE ANSWERED IN LOK SABHA ON 06.04.2022 REGARDING USE OF BIO-DIESEL**

**(a): The total cost of High Speed Diesel oil including freight and other taxes etc. for two years is as under:**

<b>Year</b>	<b>Amount in Crores of ₹</b>
<b>2018-19</b>	<b>18587.14</b>
<b>2019-20</b>	<b>16030.58</b>

**(b): The expenditure on repairs and maintenance of locomotives, electric and diesel separately for two years is as under:**

<b>Year</b>	<b>Amount in Crores of ₹</b>	
	<b>Electric</b>	<b>Diesel</b>
<b>2018-19</b>	<b>2262.90</b>	<b>3669.48</b>
<b>2019-20</b>	<b>2430.76</b>	<b>3508.27</b>

**(c) & (d): Yes, Sir. It is possible to operate locomotives on ethanol/bio-diesel after blending with other fuels. Operation of diesel locomotives with B-5 Bio-diesel have been tested by Research Designs and Standards Organisation (RDSO).**

**(e): To achieve the ambitious goal of 100% electrification of Indian Railways, various steps have been taken which include among others, award of large size Engineering Procurement and Construction (EPC) contracts, better project monitoring mechanism, assured/committed funds through 'Extra Budgetary Resource' (Institutional Finance), decentralization of powers to field units etc.**

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