

AVGAS 100 LL

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In news– Indian Oil Corporation (IOC) has recently launched indigenous production of AVGAS 100 LL, a special aviation fuel meant for piston engine aircrafts and unmanned ariel vehicles.

AVGAS 100 LL-

- Under Prime Minister's Atmanirbhar Bharat vision IOCL has come up with AV Gas 100 fuel which was imported so far at huge cost.
- **Principal grade of Aviation Gasoline, AVGAS 100 LL is designed for use in turbo-charged reciprocating piston engines aircrafts**, mainly used by FTOs and defence forces for training pilots.
- AV GAS 100 LL produced by IndianOil's flagship refinery at Vadodara has been **tested and certified by the Directorate General of Civil Aviation (DGCA)**, the statutory body of the Government of India to regulate civil aviation in India.
- **It is a higher-octane Aviation fuel** meeting the product specifications with superior performance quality standards, as compared to imported grades.
- At present AVGAS 100 LL is completely imported product.
- **The domestic production of AVGAS 100 LL produced by Indian Oil at its Gujarat Refinery** will make flying training more affordable in India.
- This product which **fuels the aircraft operated by FTOs and Defense forces** is being imported for decades by India.
- Indian Oil's R&D, Refineries and Marketing teams have achieved this feat of indigenous production and have offered price advantage to the industry.
- **India's consumption of AVGAS 100 LL stands at around 3,000 kilo litre per year.** IOCL has been importing this special aviation fuel. Now it will start producing it at

its refinery in Gujarat.

- The indigenous availability of AV GAS 100 LL will help reduce dependence on imports and address the associated logistical challenges.