

Fuel : High speed diesel conforming to IS 1460 **OR** EN 590 **OR** equivalent is recommended to be used as fuel.

At very low temperature fluidity of diesel may become insufficient due to paraffin separation. It is therefore, necessary to mix supplementary fuel with summer or winter grade diesel. The supplementary fuel to be used is kerosene or aviation turbine fuel.

Ratios for mixing of supplementary fuel and diesel are shown in table :

Ambient temperature upto °C	Percentage	
	Summer grade diesel	Supplementary fuel
upto 0°C	100	0
0°C to -10°C	70	30
-10°C to -15°C	50	50

Ambient temperature upto °C	Percentage	
	Winter grade diesel	Supplementary fuel
upto -15°C	100	0
-15°C to -20°C	70	30
-20°C and Below	50	50

Care should be taken that diesel and supplementary fuel are thoroughly mixed before filling.

WARNING

Do not mix gasoline OR alcohol with diesel. This mixture can cause explosion.

NOTICE

Where oxidation catalytic converter is fitted. It is mandatory to use Diesel fuel with sulphur contents as under. Use of any other diesel fuel can increase the pollutants.

Sulphur Content : 0.035% (BS-IV) / 0.05% (BS-III)

⚠ CAUTION

Due to precise tolerance of diesel injection systems. It is extremely important that the fuel be kept clean and free of dirt or water. Dirt or water in the system can cause severe damage to Common Rail system

Do not add fuel additives with diesel.

Use low sulphur content fuel having a cloud point that is at least 10 degree below the lowest expected fuel temperature at which wax crystals begin to form in diesel.

Viscosity of the fuel must be kept above 1.0 centistokes to provided adequate fuel system lubrication at 40°C.