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Marine engines of wooden trawlers operating along Ratnagiri coast of Maharashtra

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■ **ABSTRACT** : A total of 47 wooden trawlers were in operation from Mirkarwada fishing harbour of Ratnagiri of which 98 per cent were wooden trawlers fitted with Ashok Leyland make diesel engines. The length class of wooden trawlers ranged from *i.e.* below 40 ft (6%), 40-50 ft (64%), 50-60 ft (28%) and above 60 (2%) and the horse power of the engines ranged from, below 100 hp (83%), 100-200 hp (15%) and above 200 hp (2%). During the present study, Ashok Leyland (AL-370, AL-400, AL-402) diesel engine were found to be the most popular and commonly installed marine engine on the wooden trawlers.

■ **KEY WORDS** : Trawlers, Diesel engines, Propeller pitch, Efficiency, Fuel consumption

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