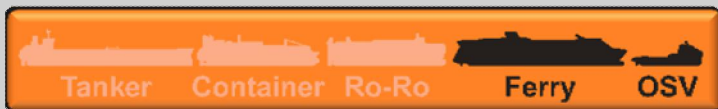


Combined diesel-electric and diesel-mechanical machinery can improve the total efficiency in ships with an operational profile containing modes with varying loads. The electric power plant will bring benefits at part load, where the engine load is optimised by selecting the right number of engines in use. At higher loads, the mechanical part will offer lower transmission losses than a fully electric machinery.



Total energy consumption for an offshore support vessel with CODED machinery is reduced by 4% compared to a diesel-electric machinery.



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