



TLX SERIES

Trunk Piston Engine Oils

INTRODUCTION

Castrol TLX Series is a range of engine oils intended for use in medium speed diesel engines used in marine propulsion and power generation. They have been formulated using the highest quality base oils and a new additive system designed to overcome the adverse effects seen in engines operating with cracked residual fuels.

Castrol TLX is available in either a 20, 30, 40 or 50 BN version to suit differing fuel sulphur contents and engine builders' requirements and is available in SAE 30 and SAE 40 viscosity grades

FEATURES AND BENEFITS

The diesel engine performance exceeds that required for the API CF specifications and extensive testing in residual fuel test engines has confirmed that **Castrol TLX** oils are suitable for use in the most highly rated turbocharged medium speed diesel engines.

The main advantage of **Castrol TLX** grades is their ability to overcome the problems experienced by conventional oils in engines operating with cracked residual fuel and with fuel contamination of the crankcase oil.

Fuel contamination will result in the formation of black asphaltenic sludge in the crankcase, deposits in piston scraper rings and deposits in piston cooling cavities. **Castrol TLX** grades have improved ability to handle asphaltenic contaminants which will lead to cleaner engines and much reduced piston deposits.

The **Castrol TLX** range includes a SAE 40, 50 BN oil for use when rapid base number depletion is experienced. This particular grade will increase the time between drain intervals.

APPROVALS

The **Castrol TLX** Series of oils hold approvals from all major medium speed engine manufacturers

TECHNICAL DATA

Typical Characteristics	TLX 203	TLX 204	TLX 303	TLX 304	TLX 403	TLX 404	TLX 504	TLX 554
Density @ 15°C, kg/ltr	0.91	0.91	0.91	0.91	0.91	0.91	0.92	0.92
Viscosity @ 100°C, cSt	11.5	14.0	11.5	14.0	11.5	14.0	14.0	14.0
SAE Number	30	40	30	40	30	40	40	40
Base Number	20	20	30	30	40	40	50	55
Closed Flash Point, °C	>200	>200	>200	>200	>200	>200	>200	>200
Pour Point, °C	-18	-21	-18	-21	-18	-21	-18	-18

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