



Product Data

TLX Plus Range

Diesel engine lubricants

Description

Castrol TLX™ Plus is a range of high performance lubricants incorporating an advanced additive technology formulated to overcome the adverse conditions seen in engines with low oil consumption and operating with varying heavy fuel qualities.

Application

TLX Plus has been developed for use in highly-rated medium speed diesel engines for marine propulsion and power generation applications. TLX Plus is available with 20, 30, 40 or 50 BN, and SAE 30 and 40 viscosity grades to suit differing fuel sulphur content and engine builders' requirements.

The TLX Plus range of oils holds approvals or letters of no objection from all major medium speed engine manufacturers.

Advantages

- Good wear performance.
- Good thermal anti-oxidation stability.
- Good protection against corrosion in the presence of sea water.
- High load carrying properties of FZG 12 for anti-wear performance.
- Excellent anti-foam properties.
- Tolerant to water contamination.
- Meets API CF specification (as tested with 20 BN variant).

Typical Characteristics

Name	Method	Units	TLX Plus 203	TLX Plus 204	TLX Plus 303	TLX Plus 304	TLX Plus 404	TLX Plus 504
SAE Number	-	-	30	40	30	40	40	40
Kinematic Viscosity @ 100°C / 212°F	ISO 3104 / ASTM D445	mm ² /s	11.5	14	11.5	14	14	14
Total Base Number, TBN	ISO 3771 / ASTM D2896	mg KOH/g	20	20	30	30	40	50
Density @ 15°C / 59°F	ISO 12185 / ASTM D4052	kg/m ³	897	900	902	906	913	919
Flash Point - closed cup method	ISO 2719 / ASTM D93	°C/°F	>200 / >392	>200 / >392	>200 / >392	>200 / >392	>200 / >392	>200 / >392
Pour Point	ISO 3016 / ASTM D97	°C/°F	-6 / 21	-6 / 21	-6 / 21	-6 / 21	-6 / 21	-6 / 21
FZG Gear Scuffing test - A/8.3/90	ISO 14635-1	Failure Load Stage	12	12	12	11	12	12

Subject to usual manufacturing tolerances

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Castrol Industrial, Technology Centre , Whitchurch Hill , Pangbourne , Reading , RG8 7QR , United Kingdom

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