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.

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).

Product Performance Claims

The TLX Plus range of oils holds approvals or letters of no objection from the following major medium speed engine manufacturers (Wartsila Deutz, MAK, Bergen, Daihatsu, Yanmar, Niigata, HHI Himsen).

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
Viscosity, Kinematic 100°C	ASTM D445	mm²/s	11.5	14	11.5	14	14	14
Total Base Number, TBN	ASTM D2896	mg KOH/g	20	20	30	30	40	50
Density @ 15°C, Relative	ASTM D4052	g/ml	0.897	0.900	0.902	0.906	0.913	0.919
Flash Point, PMCC	ASTM D93	°C	>200	>200	>200	>200	>200	>200
Pour Point	ASTM D97	°C	-6	-6	-6	-6	-6	-6
FZG Gear Test A/8.3/90	DIN 51 354	FLS	12	12	12	11	12	12

The above figures are typical of those obtained with normal production tolerance and do not constitute a specification.

Storage

All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60C, exposed to hot sun or freezing conditions.

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