



TLX Xtra Range

High performance diesel engine lubricant

Description

Castrol TLX Xtra is a range of high performance engine oil to withstand high oil stress conditions seen in the latest engine designs which have reduced oil capacity and consumption. It is suitable for operating with a wide range of fuel types HSFO, VLSFO, ULSFO and dual fuel LNG applications.

Application

TLX Xtra has been developed for use in medium speed engines for marine propulsion and power generation applications. TLX Xtra is available with 20, 30, 40 and 50 or 55 BN, and SAE 30 and 40 viscosity grades to suit engine builders' requirements and fuel variation. It is also suitable for diesel engines fitted with latest emission reduction technology and after treatment systems.

Advantages

Formulated with an enhanced detergency system (EDS) to maintain excellent cleanliness for reliable engine operation

- Reduced risk of piston deposit
- Exceeds API CF engine cleanliness requirements*
- Maintains cleanliness under high oil stress conditions

Increased performance delivered through

- Extended operation within OEM oil condition limits
- Improved oil treatment and water shedding performance
- Excellent liner condition and low wear rates
- 2020 ready and capable of handling fuel variability

*As tested in low BN variants

Product Performance Claims

The TLX Xtra range of oils holds approvals or letters of no objection from MAN, MAK, Wartsila, Daihatsu, Yanmar and Hyundai HIMSEN medium speed engine manufacturers.

Typical Characteristics

Name	Method	Units	TLX Xtra 203	TLX Xtra 204	TLX Xtra 303	TLX Xtra 304	TLX Xtra 404	TLX Xtra 504	TLX Xtra 554
Density @ 15C, Relative	ASTM D4052	g/ml	0.893	0.898	0.900	0.902	0.908	0.915	0.917
Viscosity, Kinematic 100C	ASTM D445	mm ² /s	11.4	14.1	11.5	13.5	13.9	13.9	13.9
Flash Point, PMCC	ASTM D93	°C	218	221	219	217	218	218	218
Pour Point	ASTM D97	°C	-13	-12	-13	-14	-13	-16	-15
Total Base Number, TBN	ASTM D2896	mg KOH/g	20	20	30	30	40	50	55
Viscosity Index	ASTM D2270	None	102	101	105	103	105	107	108

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.

TLX Xtra Range
28 Nov 2019

Castrol, the Castrol logo and related marks are trademarks of Castrol Limited, used under licence.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Material Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by either BP plc or its subsidiaries for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult our local representative if you require any further information.

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

www.castrol.com/marine