



Marine MTX

Medium Speed Marine Diesel Engine Oil

Features & benefits

- Excellent water tolerance
- Excellent resistance to thermal and oxidative degradation
- Alkaline reserve to prevent corrosion
- Good rust prevention
- Effective detergency to maintain system cleanliness
- Meets requirements of major medium-speed engine manufacturers



Typical results

Test Method	MTX 1230	MTX 1240	MTX 3030	MTX 3040	MTX 4040
SAE GRADE	30	40	30	40	40
ASTM COLOR (D1500)	2.5	3.5	4.0	4.0	4.5
DENSITY @ 15°C (D4052), kg/L	0.89	0.90	0.90	0.90	0.91
TBN (D2896), mgKOH/g	12		30		40
VISCOSITY (D445) cSt @ 40°C cSt @ 100°C	99.9 11.3	137.7 14.0	97.8 11.4	134.2 14.0	134.1 14.1
VISCOSITY INDEX (D2270)	98	98	103	101	102
FLASH POINT (D93), °C	> 200				
POUR POINT (D97), °C	-30	-33	-30	-33	-33
FOAM (D892) (Tendency mL/ Stability mL) SEQUENCE I SEQUENCE II	0/0 0/0	0/0 0/0	0/0 0/0	0/0 0/0	0/0 0/0
FZG Gear Test, (DIN 51354) (FLS), Fail load stage	12	12	11	11	11

Sizes & order codes

Size	MTX 1230	MTX 1240	MTX 3030	MTX 3040	MTX 4040
205 L (54.2 US gal)	-	F0133050	-	-	-
1000 L (264 US gal)	F0133160	F0133060	-	-	-
Bulk	B0026401	B0026301	B0035901	B0036001	B0036101

Marine MTX are premium oils designed to lubricate medium-speed trunk piston diesel engines in the marine sector. These oils are blended with top-quality paraffinic base oils and carefully balanced with optimum detergency to enhance resistance against corrosion and oxidation, provide wear protection and enable water tolerance.

Marine MTX oils have a high load-carrying capacity meeting FZG 11 (12 for 1230 and 1240) and provide optimal anti-wear protection.

Marine MTX oils have been specially designed to retain their beneficial additives, even when subjected to centrifuging. Additionally, the oil's alkaline reserve helps to neutralize any acids present, which cannot be removed through centrifuging alone.

Marine MTX offers a variety of TBNs to suit a wide range of fuel sulfur levels and oil consumption rates. Typically, 12 TBN is for fuel sulfur levels up to 1.5%, and 30 TBN oils are suitable for fuel sulfur levels up to 3.5%.

Marine MTX oils are suitable for use in the following major medium-speed engine manufacturers: Wartsila Deutz, MAK, Bergen, Daihatsu, Yanmar, Niigata, HHI Himsen.

Ask your sales representative about our 20 TBN oils, MTX 2030 & 2040, available in bulk.