

# Marine MTX

## Medium Speed Marine Diesel Oil



### Features & benefits

- Excellent water tolerance and separation
- 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 1530	MTX 1540	MTX 3030	MTX 3040	MTX 4040
SAE GRADE	30	40	30	40	40
ASTM COLOR (D1500)	3.5	3.5	3.5	4.0	4.0
DENSITY @ 15°C (D4052), kg/L	0.90	0.90	0.91	0.91	0.91
TBN (D2896), mgKOH/g	15		30		40
VISCOSITY (D445) cSt @ 40°C	109.4	138.9	102.0	142.2	139.5
cSt @ 100°C	11.8	13.7	11.5	14.2	14.2
VISCOSITY INDEX (D2270)	96	95	103	97	99
FLASH POINT (D93), °C	> 200				
POUR POINT (D97), °C	-20	-21	-12	-6	-6
FOAM (D892) (Tendency mL/ Stability mL)	0/0	0/0	0/0	0/0	0/0
SEQUENCE I	0/0	10/0	0/0	0/0	0/0
SEQUENCE II					
FZG Gear Test, (DIN 51354) (FLS), Fail load stage	12	12	12	11	12

### Sizes & order codes

Size	MTX 1530	MTX 1540	MTX 3030	MTX 3040	MTX 4040
205 L (54.2 US gal)	F0031850	F0032650	-	-	-
1000 L (264 US gal)	F0031860	F0032660	-	F0032260	F0050160
Bulk	B0031801	B0032601	B0032101	B0032201	-

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 12 (11 for 3040) 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, 15 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.



Always consult your owner's manual for verification of fluid type and grade!

Supporting data available to demonstrate acceptable performance. Check with Sales Associate for the latest product approvals.

Please note these are typical performance indicators and can change without notice.

This data sheet replaces previous versions prior to July 28, 2023.

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