



# ATLANTIC TRUNK PISTON ENGINE OIL

Medium-Speed Trunk-Piston Diesel Engine Oil

## DESCRIPTION

ATLANTIC TRUNK PISTON ENGINE OILS are marine multi-functional crankcase lubricants for highly rated medium-speed diesel engines operating on residual fuel, specially formulated to help reduce deposits in critical areas (e.g. piston undercrown) & gives long-term protection against corrosion of ferrous and non-ferrous metals.

## APPLICATIONS

ATLANTIC TRUNK PISTON ENGINE OILS are designed for lubrication of medium-speed industrial or marine propulsion and auxiliary engines burning residual fuel oils & some medium and high-speed engines burning distillate fuel, where a high Base Number, high ash lubricant is suitable. Suitable for bearings and stern-tubes, reduction gear lubrication.

ATLANTIC TP 30030 & 40030 are designed for conditions of moderate oil stress.

ATLANTIC TP X 40040 is designed for conditions of high oil stress and has been formulated to help improve deposit control.

ATLANTIC TP XL 40050 is designed for conditions of very high oil stress and has been further optimized to improve deposit control.

## PROPERTIES

ATLANTIC TRUNK PISTON ENGINE OILS combines an exclusive formulation of latest additive technologies and highly refined base oils to provide a substantial safety margin to cope with the higher stress levels even with the latest and future designs of diesel engines. Particularly suitable for low or very low oil consumption engines operating with a poor quality residual fuel.

## PERFORMANCE FEATURES AND BENEFITS

- Excellent resistance to the negative effects of contamination with residual fuel.
- Excellent thermal resistance and high temperature oxidation resistance.
- Excellent control of viscosity increase leading to reduced top-ups
- Very good wear protection and very good oil film strength at extreme pressures
- Reduced build-up of heavy deposits in the engine leading to a reduction in maintenance costs.
- Excellent engine cleanliness
- Extra high base number & very good base number retention
- Suitability for centrifugal separators

## RECOMMENDATIONS / SPECIFICATIONS

API service: exceeds CF specification

Meets or exceeds the quality requirements of the all major medium speed engine manufacturers such as WÄRTSILÄ, MAN diesel, Caterpillar

MaK, Yanmar, Daihatsu, HIMSSEN & Rolls Royce

## TYPICAL TECHNICAL PROPERTIES

PRODUCT CODE:	ML-250301	ML-250302	ML-250303	ML-250304
Product Name	TP 30030	TP 40030	TP X 40040	TP XL 40050
SAE Viscosity Grade	30	40	40	40
Density at 15°C, g/ml, ASTM D4052	0.913	0.916	0.916	0.921
Kinematic Viscosity at 40°C, mm²/s, ASTM D445	110	135	135	135
Kinematic Viscosity at 100°C, mm²/s, ASTM D445	12	14	14	14
Viscosity Index, ASTM D2270	100	100	100	100
Flash Point(COC), °C, ASTM D92	212	226	240	240
Pour Point, °C, ASTM D97	-18	-18	-18	-18
Total Base Number, mg KOH/g, ASTM D2896	30	30	40	50
Sulphated Ash, %wt, ASTM D874, max	3.7	3.7	4.9	6.1
Load Carrying Capacity (FZG) Fail Load Stage, (IP 334)	11	11	10	11

Note: These characteristics are typical of current production. While future production will conform to Atlantic's specification, variations in these characteristics may occur.

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\* supersedes all previous versions

**Packing:** 200L, 208L, 1000L, BULK