



# Kixx Marine 40

40-TBN Trunk Piston Engine Oil

## DESCRIPTION

Kixx Marine 40 is a high alkaline reserve (40 Base Number) trunk piston engine oil (TPEO) designed for use in high specific output mediumspeed trunk piston engines burning residual fuels (up to 4.5% sulfur). Particularly suited to high load factor operations in marine or stationary service and where heavy residual fuels with high asphaltene content (via broken residue) are used.

## APPLICATIONS

- Medium-speed trunk piston engines including latest designs in stationary power generation, especially in high load factor operations
- Medium-speed trunk piston engines in marine service

## CUSTOMER BENEFITS

### Wear Protection

High alkalinity levels control cylinder liner wear effectively and protect bearings from corrosion. High-performance antiwear additives provide excellent protection against adhesive wear for cams, camshaft and bearings. Kixx Marine 40 also provides a high degree of water tolerance and antifoam protection.

### Detergent-Dispersant Properties

Keeps crankcase and oil control rings clean. Prevents deposit formation throughout the engine. Reduces lube oil filter blockage. Effectively handles insolubles.

### Oxidation Stability

Oxidation inhibitors protect the oil against thermal stresses, protect engine parts from corrosion and reduce undercrown deposits while promoting extended lubricant life.

### Rust Prevention

Prevents corrosion of engine parts when engine is not in operation.

### Balanced Additive Combination

Provides minimum maintenance and downtime, long engine life and economical operation.

## KEY PROPERTIES

TBN (Base Number, mg KOH/g)	40
SAE Grade	40
Viscosity, mm <sup>2</sup> /s @ 40°C	139
Viscosity, mm <sup>2</sup> /s @ 100°C	14.0
Viscosity Index	97
FZG Fail Load Stage	12
Sulfated Ash, m %	4.8
Package(Liters)	200