



# Kixx Marine S

Cross Head System Oil

## DESCRIPTION

Kixx Marine S is a premium quality, alkaline diesel engine oil designed for crankcase (system) lubrication of large, low speed diesel engines in marine and stationary applications.

## APPLICATIONS

Crankcase lubrication of:

- Large, low speed (less than 250 rpm), two-cycle crosshead diesel engines
- Particularly suitable for engines with oil-cooled pistons
- Older-type marine trunk piston engines with separate cylinder lubrication
- Marine and stationary applications

## CUSTOMER BENEFITS

### Time Extension Between Overhauls

Special detergent and ashless dispersant additive system ensures crankcases and lubricating oil lines are kept free of deposits. The combination of detergency and excellent oxidation stability provides clean piston cooling galleries and chambers.

### Protection of Bearings from Corrosive Wear

Level of alkalinity reserve ensures that acidic combustion products (which enter the crankcase due to leaks in the connecting rod seals) are effectively neutralized to protect bearings and bright metals against corrosive wear.

### Easy Oil Purification

Combination of highly refined basestocks and special detergent additive system provides excellent water tolerance and separation properties which enable efficient purifier operation. Therefore, water washing is neither necessary nor recommended.

## KEY PROPERTIES

TBN (Base Number, mg KOH/g)	5.3	5.4
SAE Grade	20	30
Kinematic Viscosity, mm <sup>2</sup> /s @ 40°C	65.5	108
Kinematic Viscosity, mm <sup>2</sup> /s @ 100°C	8.5	11.9
Viscosity Index	100	98
FZG Fail Load Stage	12	12
Sulfated Ash, m %	0.7	0.7
Package(Liters)	200	200

## SERVICE CONSIDERATIONS

Marine system oils are designed for use with active purification systems. As such systems continuously remove contaminants from the oil, long service lives are possible and it is not usual to change out the lubricant on a fixed schedule. Accordingly, it is important that the oil's condition be monitored and the change-out period be determined by means of regular oil analysis and interpretation in accordance with manufacturers' guidelines. While Kixx Marine S has excellent water separation properties, water washing is neither necessary nor recommended. However, contamination with other engine oils may drastically affect its ability to maintain these excellent water separation characteristics.