



Hyundai XTeer SO 3005 is a premium quality, extra high performance system oil recommended for the main system lubrication of all low speed crosshead marine diesel main engines, including the new generation of cam-less engines utilizing electronic control.

This oil is formulated using high quality paraffinic base oils combined with the latest additive technology to provide excellent thermal stability, oxidation control and load carrying ability even under the most severe conditions. The alkalinity level is sufficient to neutralize any strong acids which may enter the crankcase from the combustion of high sulphur fuels.

◆ Application

- Recommended for crankcase lubrication in the latest highly rated low speed crosshead marine main engines including those employing system oil for piston cooling and for older designs employing water cooled pistons.

◆ Features & Benefits

- Excellent thermal and oxidative stability preventing significant oil degradation and allowing effective piston cooling
- Improved detergency to maintain crankcase cleanliness
- Sufficient BN ensures protection against corrosive combustion products
- Excellent stability in the presence of water and superior water separation characteristics
- Rust protection from sea-water ingress to protect critical bearing surfaces
- Superior anti-wear and load bearing capabilities to protect heavily loaded bearings and gears
- Meets the requirements of major marine main engine manufacturers such as MAN and Wartsila

◆ Typical properties

Hyundai XTeer SO 3005	
SAE Grade	30
Base Number, mg KOH/g (ASTM D2896)	5
Viscosity @100°C, cSt (ASTM D445)	11.9
Viscosity Index (ASTM D2270)	100
Pour Point, °C (ASTM D97)	-30
Flash Point (COC), °C (ASTM D92)	253
Density @ 15°C, g/ml (ASTM D4052)	0.8683

Above test results are new fluid's typical properties, can be changed by quality improvement.

Updated: Oct/2016