



Hyundai XTeer TPEO 30 and 40 Products Ranges are premium performance trunk piston engine oils designed for use in the most severe and highly rated medium-speed diesel applications burning residual fuel.

These products have been formulated to provide outstanding performance in applications experiencing conditions of very high oil requirement. The exceptional additive technology ensures the Hyundai XTeer TPEO 30 and 40 range of products have market leading performance for fuel compatibility leading to excellent engine cleanliness in both high and low temperature areas of the engine. This helps to prevent both sludge build up in the crankcase and piston under-crown deposits. They also provide superior high temperature oxidation and thermal stability, low volatility, and high load carrying properties and corrosion protection.

◆ Application

The Hyundai XTeer TPEO 30 and 40 series are available as SAE30 to SAE40 viscosity grades with a range of Base Number (BN) extending from 30 to 50. This will ensure that, regardless of engine type/model, engine application/load, fuel type and oil consumption all of your requirements are well catered for, in line with the environmental requirements and OEM recommendations.

Hyundai XTeer TPEO 4050 is specifically designed for those engines burning which require a higher BN reserve where oil stress levels may be higher due to very low oil consumption and higher sulfur fuels. It may also be used to raise the BN value of existing oils in-service to acceptable levels.

◆ Features & Benefits

- Excellent detergency/dispersancy reduces build-up of soot & black sludge
- Exceptional thermal & oxidation stability prevent piston under-crown deposits and maintains piston cleanliness
- Corrosion and rust protection prevents wear from water or acids formed by combustion
- Anti-wear performance provides protection to piston & linear and gears
- Excellent BN and viscosity retention to prolong oil service life
- Meets the requirements of major marine main engine manufacturers such as Wartsila, MAN, HiMSen, Yanmar & Daihatsu

◆ Typical properties

Hyundai XTeer TPEO	3030	3040	4030	4040	4050
SAE Grade	30	30	40	40	40
Base Number, mg KOH/g (ASTM D2896)	30	40	30	40	50
Viscosity (cSt) @100°C (ASTM D445)	11.0	11.0	13.6	13.6	13.6
Viscosity Index (ASTM D2270)	110	110	110	103	103
Pour Point(°C) (ASTM D97)	-18	-18	-18	-18	-18
Flash Point (°C, COC) (ASTM D92)	233	233	252	252	252
Density @ 15°C, g/ml (ASTM D4052)	0.8835	0.8875	0.8865	0.8912	0.8968

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

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