



Technical Data Sheet

- Reliable Protection
- Industrial Applications

UPSOL MARINE TBN 70

Marine Engine Oil

SAE 50

UPSOL MARINE TBN 70 are formulated from HVI (High Viscosity Index) base oils with a well-balanced additive package especially designed for cylinder lubricant of marine crosshead two stroke diesel engine. It has the TBN (Total Base Number) of minimum 70 mgKOH/g to neutralize combustion acid and gives maximum protection against rust, corrosion and excessive wear of cylinder liner and ring piston. UPSOL MARINE TBN 70 has a good balance between oxidation stability and detergency to prevent piston deposit formation and maintain cleanliness of combustion chamber and exhaust parts.

TYPICAL CHARACTERISTICS		
PROPERTIES	METHOD	MARINE TBN 70
SAE Viscosity Grade		50
Density at 15°C, kg/l	ASTM D - 4052	0.9336
Kinematic Viscosity at 40°C, cSt	ASTM D - 445	213.80
100°C, cSt		19.44
Viscosity Index	ASTM D - 2270	116
Flash Point, °C	ASTM D - 92	244
Pour Point, °C	ASTM D - 5950	-18
Total Base Number, mg KOH/g	ASTM D - 2896	70

APPLICATIONS

UPSOL MARINE TBN 70 is designed mainly for cylinder lubrication highly rated crosshead industrial and marine diesel engines, using residual fuels with high sulphur content.

PERFORMANCE LEVELS

UPSOL MARINE TBN 70 is designed mainly for cylinder lubrication highly rated crosshead industrial and marine diesel engines, using residual fuels with high sulphur content.

