



SUPER LIFE® 600H Series **PREMIUM HEAVY DUTY MARINE DIESEL CROSSHEAD ENGINE CYLINDER OILS**

SUPER LIFE® 600H Series are the new generation cylinder lubricating oils specially developed for use in heavy duty low speed two-stroke crosshead diesel engines. They are formulated from high quality base stock and additives with :

- the 70 BN alkalinity level to provide the necessary performance characteristics for cylinder lubrication of marine diesel engines operating on high sulfur residual fuel containing sulfur content of 3% wt or more.
- the 40 BN or 50 BN alkalinity level to provide the necessary performance characteristics for cylinder lubrication of marine diesel engines operating on low sulfur residual fuel containing sulfur content of around 2% wt.



APPLICATIONS:

SUPER LIFE® 600H Series are recommended for cylinder lubrication of crosshead marine and stationary diesel engines and meet the requirements of the major marine engine manufacturers.

They meet the following performance standards: Wärtsilä (Sulzer) ,MAN B&W, Mitsubishi, etc.

BENEFITS:

- High alkaline reserve to neutralize acid formed by combustion and prevent acidic corrosion on cylinders lines.
- Reduce maintenance by controlling deposits in the ring belt and intake ports.
- Resist adhesive wear to give protection against destruction of the lubricating oil film by the high temperature and pressures which prevail in the cylinders of engines.
- Extend engine life.

TYPICAL CHARACTERISTICS

Test	Method	Typical Results		
		Super Life 600H 70	Super Life 600H 50	Super Life 600H 40
SAE Viscosity Grade	SAE J300	50	50	50
API Gravity	ASTM D 287	19.35	19.84	20.98
Specific Gravity @ 15.6 °C (60°F)	ASTM D1298	0.938	0.935	0.928

Viscosity @ 40°C, cSt @ 100°C, cSt	ASTM D445	214 19.0	207 18.8	229.5 20.0
Viscosity Index	ASTM D2270	102	101	105
Flash Point, °C (°F)	ASTM D92	230(446)	230(446)	230(446)
Pour Point, °C (°F)	ASTM D97	-9(15.8)	-9(15.8)	-9(15.8)
Total Base Number, mg KOH/g	ASTM D2896	70	50	40

The above characteristics are average values based on recent production. Minor variations, which do not affect product performance, are to be expected in normal manufacture.

WARNING:

Continuous contact with used motor oil has caused skin cancer in animal tests. Avoid prolonged contact. Thoroughly wash exposed areas with soap and water. Keep out of reach of children.
Don't pollute. Conserve resources. Return used oil and bottle to collection centers

Reference SDS Number 12024 database on our website at www.amtecol.com OR scan the code for a direct link

