



SUPER LIFE® 300H HEAVY DUTY MARINE DIESEL ENGINE OILS

SUPER LIFE® 300H Products are specially designed heavy duty marine diesel oils for use as crankcase and cylinder lubricant for two and four stroke , high and medium speed trunk piston diesel engines burning marine gas oil and marine diesel oil and operating under the most severe conditions.

APPLICATIONS:

SUPER LIFE® 300H Products are recommended for the lubrication of marine trunk piston diesel engine for inland and coastal shipping, fishery, offshore and yachts, etc.

They are also suitable for modern heavy duty engines, wide range of turbo-charged or naturally aspirated diesel engines as well as all kinds of gasoline engines using lead or lead-free gasoline, all types of generators, trucks, construction cars, passenger cars, or mixed car group comprising diesel and gasoline cars.

They meet the following performance standards: MAN B&W, Pielstick, Wärtsilä , Deutz , Caterpillar, Cummins , GM , International, Detroit Diesel (4 Stroke), Komatsu, Isuzu , Nissan , Mitsubishi, etc.

API CF / CD

BENEFITS:

- Good antirust, anticorrosion, antifoam properties.
- Prevent ring-sticking, wear and deposit-formation and keep the engine and pistons clean.
- Good oxidation stability and excellent thermal stability.
- Good detergency and dispersancy properties.
- Long oil life and good oil consumption control.
- Separate easily from water.
- Extend engine life.

TYPICAL CHARACTERISTICS

Test	Method	Typical Results								
		300H 12			300H 15			300H 20		
		30	40	50	30	40	50	30	40	50
SAE Viscosity Grade	SAE J300									
API Gravity	ASTM D287	26.60	24.85	23.99	26.25	24.68	23.65	25.72	24.34	23.14
Specific Gravity @ 15.6 °C (60°F)	ASTM D1298	0.895	0.905	0.910	0.897	0.906	0.912	0.900	0.908	0.915
Viscosity @ 40°C, cSt	ASTM D445	110	164	250	112	166	254	114	169	260
@ 100°C, cSt		12	16	21	12.22	15.94	21.15	12.30	16.05	21.30



Viscosity Index	ASTM D2270	98	98	98	98	98	98	98	98	98
Flash Point, °C (°F)	ASTM D92	225 (437)	230 (446)	230 (446)	225 (437)	230 (446)	230 (446)	225 (437)	230 (446)	230 (446)
Pour Point, °C (°F)	ASTM D97	-15(5)	-12(10)	-12(10)	-15(5)	-12(10)	-12(10)	-15(5)	-12(10)	-12(10)
Total Base Number, mg KOH/g	ASTM D2896	12	12	12	15	15	15	20	20	20
FZG Gear Test A/8.3/90	DIN 51354	12	12	12	12	12	12	12	12	12

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