

SBK Marine System Oil is a premium quality marine lubricating oil specially developed for use in marine diesel engine systems, stern tubes, reduction gears, and auxiliary onboard machinery requiring excellent oxidation stability, anti-wear protection, rust prevention, and water separation characteristics. It is formulated using highly refined mineral base oils and advanced additive technology to provide reliable performance under severe marine operating conditions. Marine system oils are commonly used in medium-speed marine engines and auxiliary systems requiring high thermal stability and corrosion protection.

PERFORMANCE, FEATURES & BENEFITS

- Excellent oxidation and thermal stability
- Superior anti-wear protection
- Outstanding rust and corrosion protection
- Excellent water separation properties
- Reduces sludge and varnish formation
- Long service life under marine operating conditions
- Good foam resistance and air release properties
- Protects bearings and gears under heavy load conditions

MAIN APPLICATIONS

- Marine diesel engine lubrication systems
- Stern tube lubrication
- Marine reduction gears
- Hydraulic and circulating systems onboard vessels
- Auxiliary marine equipment
- Industrial circulating oil systems

SPECIFICATIONS & RECOMMENDATIONS

- Main engine circulating systems
- Auxiliary marine engines
- Marine gear systems
- Hydraulic and deck machinery systems
- Bearings and circulating oil systems onboard vessels
- Industrial heavy-duty circulating systems
- API CF
- MAN
- Wartsila
- Caterpillar Marine
- Daihatsu Diesel
- Yanmar

PRODUCT SPECIFICATIONS

TEST PARAMETER	TEST METHOD	TYPICAL VALUE											
SAE Grade		SAE 20				SAE 30				SAE 40			
BN No		5	6	7	8	5	6	7	8	5	6	7	8
Appearance	Visual	C&B	C&B	C&B	C&B	C&B	C&B	C&B	C&B	C&B	C&B	C&B	C&B
KV @ 40°C	ASTM D445	TBR	TBR	TBR	TBR	TBR	TBR	TBR	TBR	TBR	TBR	TBR	TBR
KV @ 100°C	ASTM D445	8.5	8.5	8.5	8.5	11	11	11	11	14.5	14.5	14.5	14.5
Viscosity Index	ASTM D2270	≥ 90	≥ 90	≥ 90	≥ 90	≥ 90	≥ 90	≥ 90	≥ 90	≥ 90	≥ 90	≥ 90	≥ 90
Density @ 15°C	ASTM D4052	0.8809	0.8816	0.8823	0.8831	0.8838	0.8845	0.8852	0.8861	0.8875	0.8883	0.8889	0.8892
Flash Point	ASTM D92	≥ 200	≥ 200	≥ 200	≥ 200	≥ 200	≥ 200	≥ 200	≥ 200	≥ 200	≥ 200	≥ 200	≥ 200
Pour Point	ASTM D97	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
TBN	ASTM D2896	5	6	7	8	5	6	7	8	5	6	7	8