## Lubricants info.



Idemitsu Kosan Co.,Ltd.

### **Lubricant Product Information**



# **Daphne Marine Oil SA Series**

**High Performance Marine Engine Oil** 

#### **Description**

Daphne Marine Oil SW Series is range a high quality detergent and acid-neutralizing marine lubricating oil with severely selected base stock and combination of additive agents.

#### **Application**

Recommended as high-alkaline system/cylinder oil for medium speed trunk-type Engines. It is especially suitable for engines that burn low-gravity and high sulphur fuel oil.

#### **Characteristics**

- 1. **Excellent Oxidation Stability -** A combination of both highly refined base oil & oxidation inhibitor ensure excellent oxidation stability.
- 2. **Minimizes Formation Of Carbon Deposits & Sludge -** Special detergent minimize the forming of carbon deposits and sludge being stuck to engine parts and also helps in keeping the engine clean.
- 3. **Maintains Stability Of Number -** Prevents rapid drop of base number and keeps stable neutralization of acidic products.
- 4. **Excellent Anti-Rust & Anti-Foam Properties -** Addition of both rust preventive and antifoam agents effectively prevent corrosion caused by water and acid as well as potential damages caused by harmful foaming.

#### **Packing**

20L pail, 200L drum

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Available Grades	TYPE OF	<b>SA 30-S</b>	SA 40-S
	METHOD		
Colour	ASTM D-1500	L7.0	L7.0
Density @15 OC Kg/litre	ASTM D-4052	0.9049	0.9074
@29 OC Kg/litre	ASTM D-4052	0.8958	0.8980
Viscosity, cSt @ 40 °C	ASTM D-445	100.2	132.4
100°C		11.40	14.26
Flash Point (COC), °C	ASTM D-92	256	262
Viscosity Index	ASTM D-2270	100	106
Total Basic No. (mgKOH/g)	ASTM D-2896	30.0	30.4
Foam @ 93.5°C (ml)	ASTM D-892	10-0	10-0

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