

GALAX MARINE 4012

1. DESCRIPTION/APPLICATION

GALAX MARINE 4012 is a specially formulated marine engine oil, intended for 4-stroke high-speed main and auxiliary engines of all types and output powers. Recommended for high-speed naturally aspirated marine diesel engines. Suitable for lubricating bearings, stern tubes and reductor gears.

Advantages of *GALAX MARINE 4012*:

- Good detergency at high and low temperatures
- Excellent resistance to the presence of water
- Excellent filterability
- Good protection against wear and corrosion
- Very good BN efficiency

2. PRODUCT QUALITY

Specifications	Quality level
SAE J300	40
API	CF

3. PACKAGING AND DELIVERY

The product is delivered in original packaging. Each shipment is accompanied by a quality certificate.

Plastic canisters: 10L; Metal drums: 200L; IBC containers: 1000L; Bulk: yes



GALAX®

4. TYPICAL CHARACTERISTICS

Characteristics	Test method	Typical value
Appearance	Visual	Clear viscous liquid
Density (15°C), kg/m ³	ASTM D 1298	905
Viscosity (100°C), mm ² /s	ASTM D 445	14.0
Viscosity index	ASTM D 2270	95
Flash point, °C	ASTM D 92	230
Pour point, °C	ASTM D 97	-12
TBN, mg KOH/g	ASTM D 2896	12.0

5. STORAGE AND HANDLING

Storage	<p>The product should be stored in dry, cool, well ventilated places, protected from direct atmospheric influence. Avoid heat sources and strong corrosion agents.</p> <p>Weather conditions may damage labels on packaging. Excessive changes in ambient temperature may cause leakage. As the content expands and shrinks, water may be entrained through caps, although the drums are sealed.</p> <p>If stored in an open area we recommend the following precautions:</p> <ul style="list-style-type: none"> • Lay the drums so that the caps are at 9:00 and 3:00 o'clock position so moisture penetration and seal drying is minimized. • If the drums are vertically positioned, they should be slightly tilted to avoid water accumulation on the upper surface. • Caps must be sealed tight. Before removing the caps, upper drum surface should be dried and cleaned to avoid lubricant pollution. • Large tanks should preferably be used indoors with an outside breather line.
Storage temperature:	Ambient. Exposure to temperatures above 35°C should be avoided.
Recommended materials for storing:	Metal drums or polyethylene canisters.
Materials that are not recommended:	Do not use packaging that contains zinc.
Other information:	Polyethylene packaging material should not be exposed to high temperatures because of possible risk of distortion.