

GALAX ADRIATIC 4005

1. DESCRIPTION/APPLICATION

GALAX ADRIATIC 4005 is an alkaline and detergent system oil for low-speed crosshead diesel engines. Alkalinity is required to neutralize all acids in the system, while detergency maintains system cleanliness. It can also be used for lubricating stern tubes (SIMPLEX and WAUKESHA) and their bearings, gears operating under medium loads, and some types of air compressors.

Advantages of *GALAX ADRIATIC 4005*:

- High level of detergents and dispersants secures clean crankcase and pistons
- Endures high pressure in bearings
- Good anti-oxidant characteristics
- Good protection against wear and corrosion

2. PRODUCT QUALITY

| Specifications | Quality level |
|-----------------------|----------------------|
| MAN | B&W 2T |
| WARTSILA | 2T |

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 | 14.7 |
| Viscosity index | ASTM D 2270 | 95 |
| Flash point, °C | ASTM D 92 | 250 |
| Pour point, °C | ASTM D 97 | -9 |
| TBN, mg KOH/g | ASTM D 2896 | 5.0 |

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. |