

## AWT-426

### LIQUIDTREAT DCWT

- Protect ferrous and non-ferrous metals
- Maintain effective heat transfer
- Does not affect gaskets or hoses
- Compatible with anti-freeze solution
- Avoid unnecessary repairing cost and down time

#### **PRODUCT DESCRIPTION:**

AWT-426 LIQUIDTREAT DCWT is a modern and comprehensive blend of Nitrite and Borax constituents, designed to provide total corrosion and deposition control in closed water systems of mobile or static diesel and petrol engines. It forms a protective inhibited film which protects the metallic surfaces of the cooling systems against corrosive attack, keeping the engines clean and free from overheating.

#### **PRE-COMMISSION CLEANING**

Systems which are old and not been previously treated or frequently serviced, especially where dirt and corrosion deposits had accumulated, should be precleaned before applying AWT-426 LIQUIDTREAT DCWT.

**OIL CONTAMINATION:** Each system should be dosed with 2% of A-436 PRE-COMMISSION CLEANER and recirculated for 30 minutes. Drain and flush system using fresh water refill system and dose the required AWT-426 LIQUIDTREAT DCWT.

**SCALE:** Dose 3 to 5% of A-175 DESCALER POWDER into the water system and allow the chemicals to recirculate for 2 - 3 hours depending on the amount of scale built up. Heavily bleed the system and make sure that all the dislodged dirt, scale and rust are removed from the system by thorough and complete flushing. An alkaline solution should then be circulated to passivate the metal surfaces. Refill with fresh water for normal operation. Then dose the required AWT-426 LIQUIDTREAT DCWT. Run motor for approximately 30 minutes.

#### **NEW AND OLD SYSTEMS**

Initial dose for an untreated system is 10 to 15 ltrs of AWT-426 LIQUIDTREAT DCWT to per ton of cooling systems capacity. A make-up dosage of 200 mls of AWT-426 LIQUIDTREAT DCWT should be added for every 15,000 kilometers or 250 hours of running time unless there has been substantial water loss.

#### **CLOSED JACKETS AND STATION ENGINE COOLING SYSTEM**

Add 15 litre of AWT-426 LIQUIDTREAT DCWT for per ton of cooling systems capacity. This will bring the AWT-426 LIQUIDTREAT DCWT as Sodium Nitrite reserves of 1000 - 2000 ppm  $\text{NaNO}_2$ .



**CAUTION:** Circuits containing aluminium or brass should be operated at a pH range of 7.5 to 8.5.

**CONTROL**

Normal pH should be maintained between 8.3 to 10.0 and Sodium Nitrite concentration maintained between 1000 - 2000 ppm. A simple titration test kit is available for the determination of the product concentration in the treated water.

**PHYSICAL PROPERTIES**

Appearance	: Green
Relative Density	: 1.0 – 1.2
Form	: Liquid
pH	: 10.0 – 12.5

**Packaging** : Supplied in 25 litres non-returnable containers.

**Important information:**

Apex chemicals Safety Data Sheets are available. Safety Data Sheets contain health and safety information for proper products handling procedures to protect your employees. Our Safety Data Sheets should be read and understood by all of your supervisory personnel and employees before using.

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