

LIQUIDTREAT DCWT

CLOSED CIRCUIT CORROSION INHIBITOR

ADVANTAGES

- ❑ **EFFECTIVE INHIBITION OF FERROUS AND NON-FERROUS METALS IN CLOSED COOLING AND HEATING SYSTEMS**
- ❑ **KEEP ENGINES FREE OF HEAT ABSORBING SLUDGE AND MINERAL SCALE DEPOSITS**
- ❑ **INCREASE COOLING EFFICIENCY**
- ❑ **COMPATIBLE WITH OTHER NITRITE BASED INHIBITORS AND GLYCOL BASE ANTI-FREEZES**
- ❑ **ECONOMICAL**

PRODUCT DESCRIPTION

AWT-426 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**.

OIL CONTAMINATION : Each system should be dosed with two (2) percent of **A-433 PRECLEAN** 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 percent of **A-175 DESCALEX HD** 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.

DOSAGE AND CONTROL



NEW AND OLD SYSTEMS

Initial dose for an untreated system is 10 to 15 mls of **AWT-426** to every litres of cooling systems capacity. A make up dosage of 200 mls of **AWT-426** 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 1.5 litre of **AWT-426** for every 100 litres of cooling systems capacity. This will bring the **AWT-426** as Nitrite reserves of 1000 - 1400 ppm NO₂.

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 8.5 to 9.5 and 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.

SAFETY AND HANDLING INFORMATION

Protective Measures	Wear chemical resistant gloves, safety goggles and footwear. Use in adequately ventilated areas. Wash hands with water after use. Avoid breathing in vapour.
Spillage & Disposal	Spillage is slippery. Wear gloves, confine spill and stop leak at source if possible. Pump liquid back into original container. Absorb remaining liquid with inert material such as dry sand or sawdust. Neutralize if necessary with vinegar or other diluted acid solution.
<u>FIRST AID</u> Eyes	Rinse eyes with copious amount of water for at least 15 minutes. If irritation persists, seek medical advice.
Skin	Flush with large amount of water, use soap if available. Remove grossly contaminated clothing, including shoes and laundry before reuse. Seek medical attention if necessary.
If Inhaled	If overcome or affected, immediately evacuate victim from exposure area, using proper respiratory protection. Administer artificial respiration if breathing has stopped. Keep at rest. Seek prompt medical attention.
If swallowed	Rinse mouth; then drink 1 or 2 large glasses of water. Do not induce vomiting. Seek prompt medical attention. Never give anything via mouth to an unconscious person.
<u>HANDLING</u> Storage & Transportation	Product should be stored and transported in original containers. Do not store near heat, sparks, flame or strong oxidizers. Store away from strong acids and foodstuff. Keep container lid tightly closed. Store in a cool and dry area, away from direct sunlight. Open container slowly to control possible pressure release.
Packaging	Supplied in 25 and 200 litres non-returnable containers.

To the best of our knowledge, the information contained herein is believed to be accurate and reliable. It is the user's obligation to evaluate and use this product safely and comply with all applicable laws and regulations. The above-named supplier and its vendor makes no other warranty or representations of any kind or implied, concerning the product including no implied warranty of merchantability. The product is offered solely for your consideration, investigation and verification. No license or immunity under any patents is granted or implied.

