

PIK KEMICAL

Chemical Technologies

G/3

D.W.T CONC

WATER CONDITIONER FOR DIESEL ENGINE COOLING SYSTEMS BASED ON PHOSPHONATE AND MOLYBDATE

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DESCRIPTION

Liquid product based on phosphonate and molybdate. Modern and advanced alternative to first generation products based on nitrites and chromates.

APPLICATIONS

Treatment that inhibits very efficiently corrosion of cooling water systems like diesel engine cooling systems (jackets, pistons, injectors), air conditioning systems, etc.

ADVANTAGES

- Inhibits corrosion on metallic surfaces assuring excellent protection.
D.W.T CONC gives excellent protection against corrosion both for high temperature circuits typical of refrigerating systems of marine engines and low temperature circuits.
- Harmless for materials other than metals.
- Compatible with any type of glycol based antifreeze.
- Anticorrosion properties by pH buffer of the product ensures protection film stability.

INSTRUCTIONS

For an efficient circuit protection keep the molybdate level between 40 and 60 PPM
When possible always use distilled water and in any case with chlorides lower than 100 PPM.

Product can be dosed as follow:

- Manually in the compensation tank
- With an automatic dosing system (see bulletin U/4).

The start-up quantity for a system treated for the first time is 10 liters of D.W.T. CONC every 1000 liters

of circulating water.

Allow the next applications on the basis of MOLYBDATE concentration values checked with MOLYBDATE TEST KIT K.6720 (see bulletins T/1 and T/3).

Whenever MOLYBDATE concentration verified by the analysis is less than 40 PPM, add D.W.T CONC,

2 liters per ton of water in the circuit.

Thereafter repeat analysis after 4 hours.

For the cooling water control it's important to analyze also pH and chloride readings.

It's important to maintain always the following readings:

pH between 8.5 and 9.5 and chlorides below 100 PPM. In case of chlorides above 100 PPM bleed off repeatedly the system to bring to the correct reading.

PRECAUTIONS

Rubber gloves and protective glasses are recommended.

In case of contact with skin or eyes, rinse thoroughly with fresh running water for 15 min.

PACKAGING

Non returnable

- Plastic pails 25 liters.