



WT Supra

Water-based OAT concentrate / Water
Treatment agent

DESCRIPTION

WT Supra is a “very long-life” water-based concentrate formulated with Organic Additive Technology (OAT) to deliver exceptional protection against corrosion. Its formulation is glycol-free.

This environmentally friendly formula is completely free of phosphates, amines, nitrites, borates, nitrates, and silicates.

For optimal performance, dilute WT Supra according to the recommended concentration for your specific application.

APPLICATIONS

Engine Cooling: At a 7.5 vol.%, WT Supra provides exceptional corrosion protection for at least 32 000 hours in stationary engines, particularly marine applications. For off-road, truck, and bus applications, expect 8 000 hours or 650 000 km of protection.

Industrial Heat Transfer: Ideal for diverse industrial systems, replacing water where freeze protection is not required.

Flushing Fluid: Use WT Supra at 5 vol.% to clean systems previously using other inhibitors. Repeat flush for optimal results.

ADVANTAGES

Unmatched Heat Transfer: Beyond its advanced additive technology designed for superior heat transfer, WT Supra is glycol free, leading to a significant improvement in heat transfer.

Very long-term corrosion protection: Organic additives ensure a long-term action to offer maximum protection against any type of corrosion, erosion and cavitation, even at high temperatures.

Deposit formation: Exceptional thermal stability prevents mineral deposits, especially in critical areas like liners, cylinder heads, and heat exchangers.

Cost reduction: long-life formulation allows for extended drain intervals, reducing coolant recycling costs.

Muti-material compatibility: Compatible with a wide range of elastomers (EPDM, HNBR, etc.), plastics (PP, PA, PTFE, etc.), and metals (iron, steel, aluminum, etc.)

INTERNATIONAL SPEC.

WT Supra complies with the following standards:

- MIL-A-53009A
- BR 1326

OEM SPECIFICATIONS

Official OEM approval: **Alstom**, **CAT MWM** (0199-99-2091/12), **Mercedes-Benz** (MB 312.0), **Jenbacher** (TA 1000-0200), **Waukesha**, **Liebherr** (MD1-36-130), **MTU** (MTL 5049), **Bergen** (2.13.01), **MAN** (248), **MAN Energy Solutions**, **Wärtsilä** (32-9011, DLP799861), **Yanmar**, **Newman-Haas**, **Holden**, **MAK**, ... (*non-exhaustive list*)

TYPICAL CHARACTERISTICS

PROPERTIES	VALUES	UNITS	STANDARDS
Color	Colourless to very pale yellow		Visual
Density (20°C)	1,058	Kg/l	ASTM D5931
pH	9.4		ASTM D1287
Reserve Alkalinity, to pH 6.5	10	ml HCl 0,1N	ASTM D1121

Further technical data are available upon request.

RECOMMENDATIONS

Dilution: Concentrate. Dilute with demineralized water before final use. Do not use tap water or other untreated water sources.

Compatibility: WT Supra should be compatible with most glycol-based OAT coolant. Exclusive use of WT Supra is however recommended for optimum performance.

Monitoring: Extend coolant life and optimize maintenance with LubAnac Coolant analysis.

Shelf life: WT Supra can be stored for 5 years in unopened recipients without any effect on the product quality or performance. It is strongly recommended to use new non-translucent containers, and where possible packages with a UV filter.

Storage: WT Supra should be stored above -5°C and preferably at ambient temperatures. Periods of exposure to temperatures above 35°C should be minimized.

Toxicity/Safety: For toxicity information, safe handling and disposal of the product, please refer to the Safety Data Sheet. This product should not be used to protect the inside of drinking water systems.



This coolant used as recommended and for the application for which it has been designed does not present any particular risk. A material safety data sheet conforming to the regulations in use in the E.C. can be obtained from your local commercial adviser or downloaded at ms-sds.totalenergies.com

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