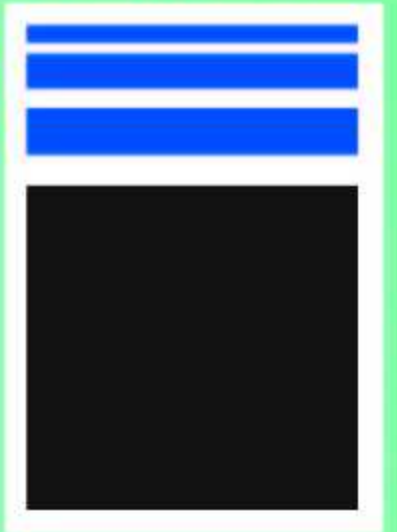


GENUINE COOLANT

PEPA1056-1



GENUINE COOLANT

**Supercoolant AF-NAC®
35/65 PRE-DILUTED**

Specifications

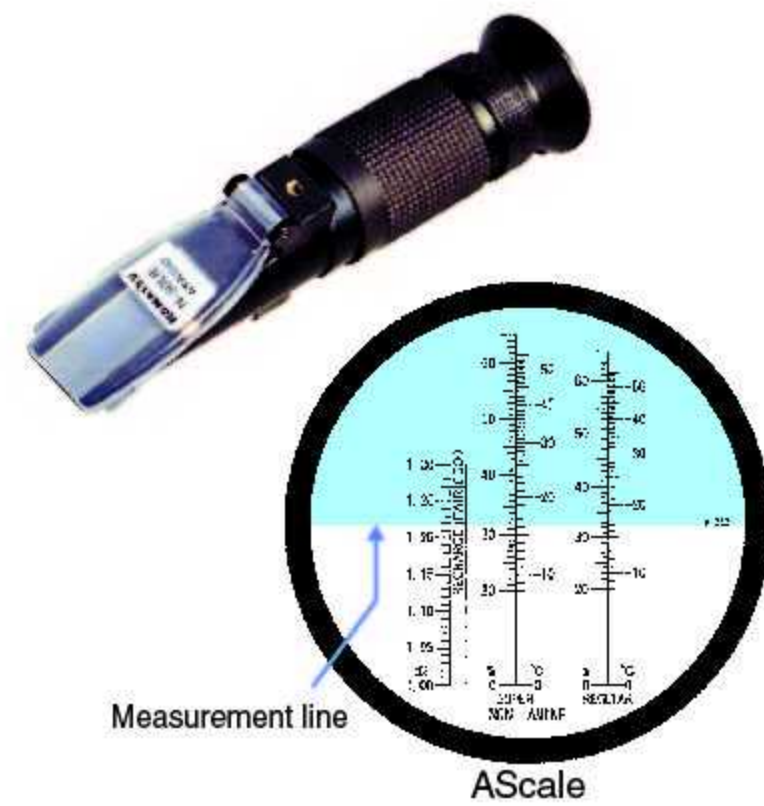
| Product Name | Item Code | Color | Packaging |
|---------------------|-------------------|-------|----------------|
| Supercoolant AF-NAC | Class-3 | Blue | 4-liter can |
| | Long life coolant | | 20-liter pail |
| | | | 210-liter drum |

Precautions for Use

1. Read Operation & Maintenance manual for cooling system capacity. Refill cooling system with PRE-DILUTED Supercoolant. DO NOT ADD WATER.
2. Avoid blending Supercoolant and other coolant brands.
3. The Supercoolant must be replaced at 4000 hours or once per 2years, whichever comes first.

Use a coolant tester to check the concentration.

Dribble a few drops of coolant on a coolant tester's prism side. Close the illumination plate, and then read the value for the concentration on the central scale shown in the figure below. The measurement line falls on the border between the blue and white areas.



Parts No. 795-500-2000

Benefits of Supercoolant AF-NAC®

Komatsu introduces the Supercoolant AF-NAC. It is qualified by KES (Komatsu Engineering Standards) and meets the very strict requirements of the current heavy-duty machine operation.

Heavy-duty machine in these days utilizes aluminum radiator and the Supercoolant AF-NAC support the machine to perform to the best of its potential.

- Pre-diluted with de-ionized water for convenience in handling.
- Prevents corrosion since causative agent, metallic ion, is already removed from diluting water.
- Reduces the risk of machine down time which is caused by engine trouble.
- Provides high protection against corrosion and cavitation.
- Prevents scale generation.
- Gives longer maintenance duration, and cheaper in running cost
- Friendly to the environment.
- Avoids the necessity of applying corrosion resistor when the Supercoolant AF-NAC is used.

※For details on the coolant tester above, contact the distributor nearest you.

• The specifications are subject to change without prior notice for improvement purposes. The photos included in this brochure may differ from the products actually sold. For details on precautions for using this product, see the instruction manual.

• PLEASE CONTACT:

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KOMATSU

COOLANT

High-performance Long-life Coolant with Low Impact on Global Environment

Coolant selection has significant implications.
The life of your engine radiator heavily depends on what coolant you select.

Enhanced with special additives for heavy-duty construction machinery, Komatsu Genuine Supercoolant is a non-amine/non-nitrite type, high-performance coolant that satisfies Komatsu's in-house standards. It can be used for two years and protects the cooling system from corrosion and cavitation etc...



Stable non-freezing performance that can withstand the winter season or the climate in very cold districts

With high-quality ethylene glycol contained, this coolant demonstrates stable non-freezing performance over a long period, preventing freezing trouble.

Properties

| Product name | Item | Color | Anti-corrosion | Cylinder liner protection performance | Replacement interval |
|----------------------------|------|-------|--|---------------------------------------|--------------------------|
| Supercoolant AF-NAC | | Blue | For all metals (aluminum, steel, solder, etc.) | Very high | Two years or 4,000 hours |

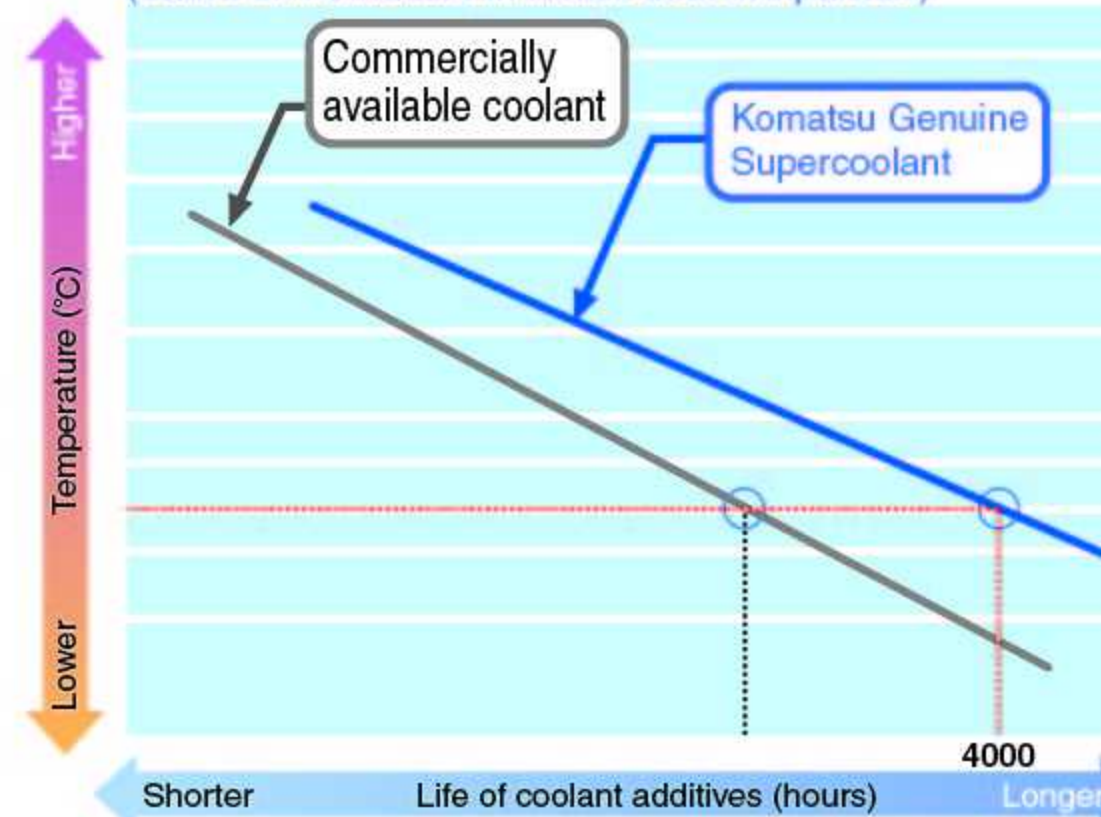
Note: Komatsu Genuine Supercoolant eliminates the need for corrosion resistor. ※For details, see the Operation & Maintenance manual.

Characteristics of Komatsu Genuine Supercoolant

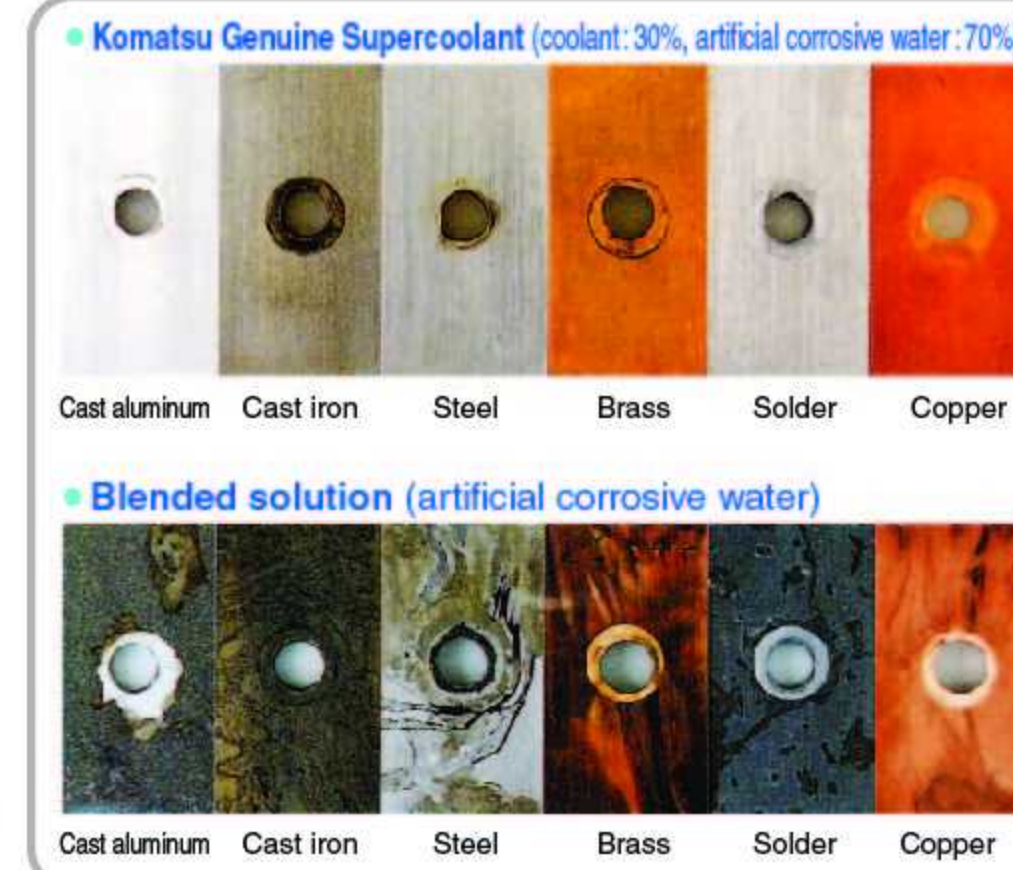
1 Sustaining robust rust and Anti-corrosion

When used over for extensive periods, coolant additives deteriorate because of heat and oxidation, degrading the coolant's performance. The Komatsu genuine coolant contains highly heat-tolerant long-life additives to achieve longstanding robust rust and anti-corrosion, and can prevent corrosion any kinds of trouble in the cooling system.

Life of Coolant Additives by Temperature
(based on Komatsu's in-house data comparison)



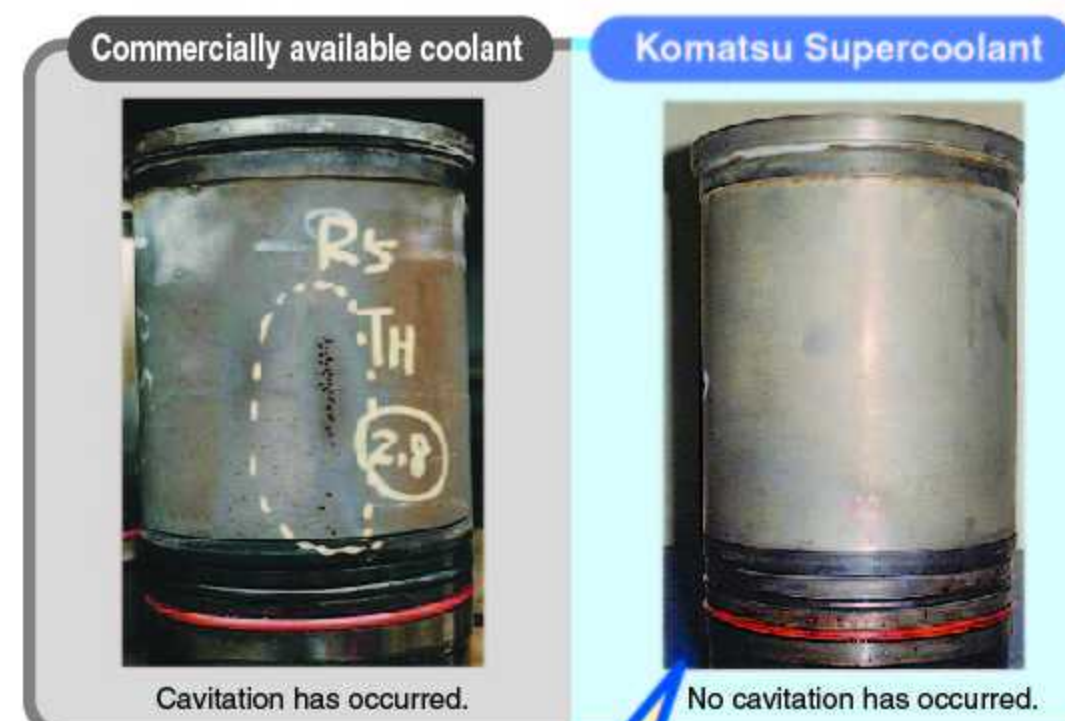
Metal corrosion tests (conforming to the JIS K2234 tests)



2 Excellent performance to prevent cavitation

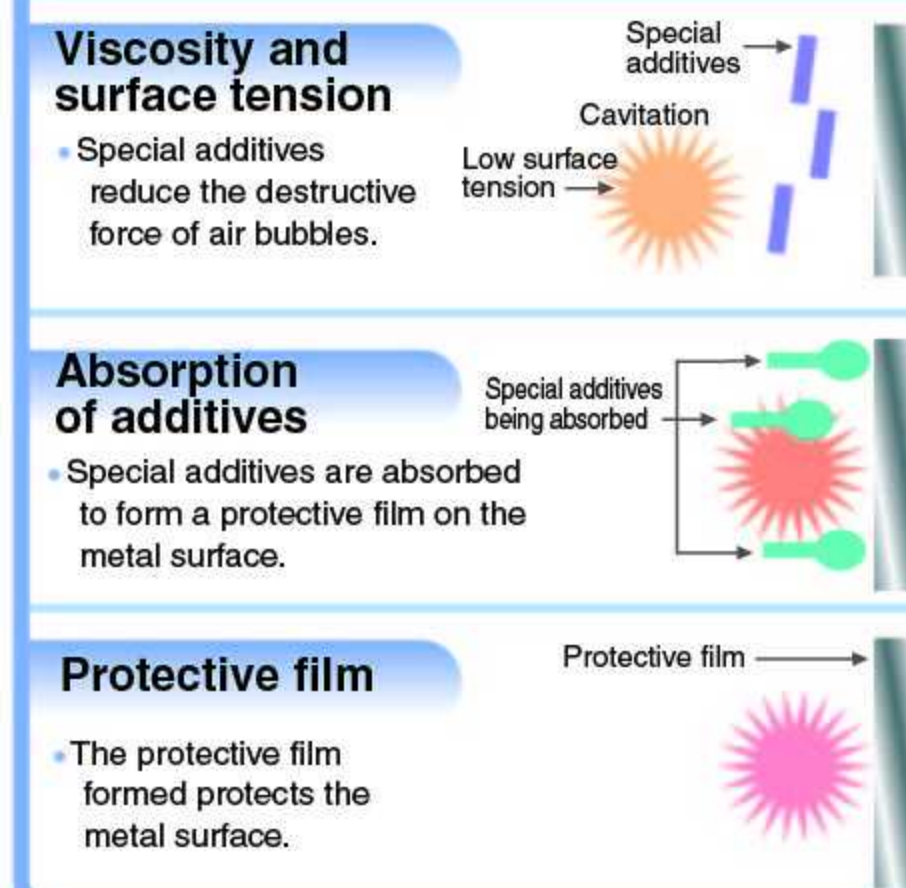
With special additives blended in, this coolant suppresses cavitation damage to the cylinder liner or water pump that might otherwise cause engine trouble. In addition, it extends the life of each component of the coolant system.

Results of benchmark tests at Komatsu



Cavitation-resistance has been significantly improved.

Cavitation-Preventing Mechanism with Komatsu Genuine Supercoolant - Schematic Diagram



3 Significant effect of preventing scale generation

With special scale-preventive additives working, this coolant greatly contributes to reduction of clogging problems with cooling system.

