

MITSUBISHI HEAVY INDUSTRIES GENUINE LONG LIFE COOLANT

# GLASSY 80



**An Original Long Life Coolant  
Developed Out of a Thorough Knowledge  
of Harsh Usage Environments**

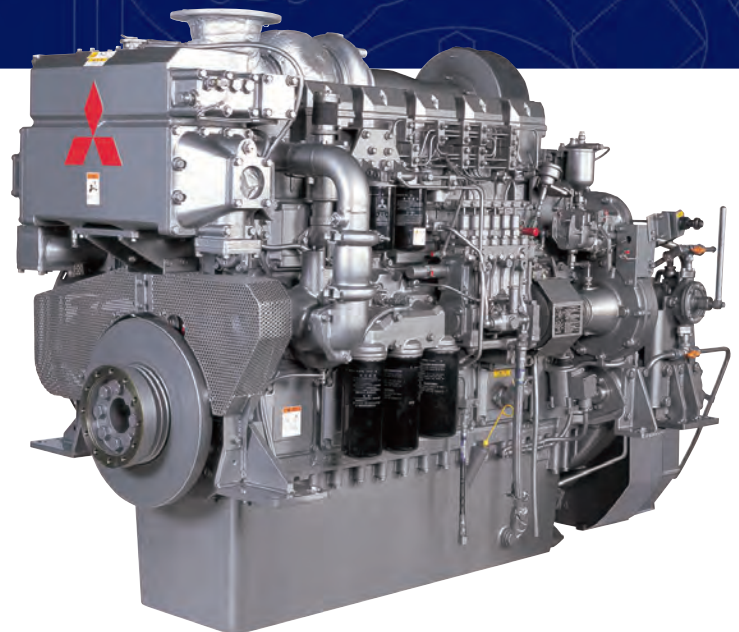
**Protection against corrosion  
for long periods**

**Superior protection efficiency  
for cavitation erosion**

**Non-amine type  
nice to human health**

**Zero negative impact  
on rubber/plastic material**

\* In case of GLASSY 80



## GLASSY 80

A non-amine-type high-grade coolant liquid specially for diesel engines that offers numerous benefits such as superior metal corrosion resistance and cavitation erosion prevention. It can be used all-year round, as it serves as an antifreeze in the winter and a coolant in the summer.



### Main specifications

Name	Antifreeze (GLASSY Long Life Coolant)
Use/type	Coolant liquid for liquid-cooled internal combustion engines/LLC
Constituents	Ethylene glycol (73-75%), corrosion inhibitor
Color	Green

### Product numbers and containers/volumes

No.	Product number	Container/volume
1	05393-25100	2L (plastic container)
2	05393-25200	4L (plastic container)
3	05393-25300	18L (decorative can)
4	05393-25400	200L (drum)

### Freezing temperature (mixing table)

Coolant (% volume)	42	45	50	55	60	65	68	75
Water (% volume)	58	55	50	45	40	35	32	25
Freezing temperature (°C)	-18	-20	-24	-29	-34	-39	-43	-53

### Anti-corrosive properties

#### GLASSY



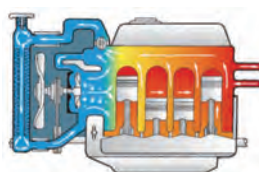
#### Coolant with poor anti-corrosive properties



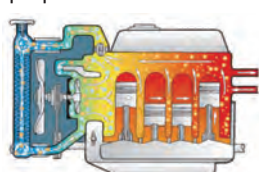
Corrosion is present on many of the test strips, indicating that use of a coolant with poor anti-corrosive properties could lead to overheating as a result of radiator blockage, leakage, etc.

### Anti-foaming properties

#### GLASSY



#### Coolant where anti-foaming properties have deteriorated



The anti-foaming properties of coolant that has deteriorated decline, and as the coolant passes through the cooling system, foam is generated, which interferes with circulation. This results in the radiator failing to be cooled, increasing the overheating possibility or other problems. It also heightens the risk of damage such as cavitation to the radiator.

### Foam: The arch enemy of a cooling system



A cylinder liner that has corroded due to cavitation caused by a deterioration in anti-foaming properties

#### \*What is cavitation erosion?

Phenomenon where the circulation of coolant liquid or vibration results in localized changes in pressure, causing bubbles to appear and disappear. The shock that occurs when the bubbles burst results in strong pressure that damages the cylinder liner or water pump.

**Coolant deterioration cannot be found by looking at the color alone!**  
**To prevent problems before they occur, we recommend regular long life coolant changes!**

## LONG LIFE COOLANT CONCENTRATION TESTER

The tester can be used to measure the concentration and freezing temperature of the Long Life Coolant.

A handy meter that allows you to quickly check the freezing temperature and concentration using just a single drop of Long Life Coolant.

Part number: 37591-00100



For inquiries and orders, please contact the official dealer below:

Can not sell to US and relative territories due to sales policy.

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