



**NORTHERN LIGHTS**  
MARINE GENERATORS

# SERVICE BULLETIN

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## Ensure the Reliable Operation of your Generator Set with Proper Coolant and Cooling System Maintenance

Certain types of coolant may adversely affect the functionality of Northern Lights generator sets. The Northern Lights Service Department offers the following troubleshooting tips:

- Straight water with additive is not recommended on Northern Lights generator sets as they may cause damage to the engine.
- Some brands of Hybrid or OAT type coolants have been reported to cause the OEM thermostat to stick, leading to overheating. In addition, some extended life coolants have been found to cause leaks in the generator set's pump seal. In such conditions, flush the coolant system thoroughly and refill with an approved Northern Lights coolant.
- All engines with wet liners require a supplemental coolant additive (SCA) to prevent liner erosion and pitting in the circulating water pump impeller. Northern Lights recommends heavy duty diesel rated coolants, which include an SCA. If a heavy duty diesel rated coolant is not available, add an SCA to prevent the symptoms noted above.
- It is the responsibility of the customer to understand that the use of incompatible coolant may cause damage, so please help educate them.

For use in Northern Lights generator sets, the following coolant types are approved:

- Conventional **Propylene Glycol** based coolants.
- Conventional **Ethylene Glycol** based coolants.

Please refer to your operators' manual for your specific unit's coolant requirements and specifications.

Should you encounter any of the above conditions, or have additional questions about Northern Lights coolant recommendations, contact your Factory Service Representative.

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