

# Technical eNewsletter

## Lifeboat engine - starting failure in cold weather

We have experienced a number of PSC detentions in Quebec and Atlantic Canada relating to lifeboat engine starting failure in winter months.

In order to avoid possible deficiencies or PSC detentions during the very cold winter months, we recommend the following:

- Lifeboat fuel tank to be filled with wax-free diesel.
- Engine lube oil to be changed to synthetic oil 5W50 or 0W50.
- The lifeboat engine has to have a total of at least 50 running hours using mineral oil for lubrication prior to the change to synthetic oil.

This is to avoid possible damage to piston rings and possible seizure.

- The heating elements on the lifeboat engine and in the lifeboat space should be kept heated.
- Change of fuel filter to prevent the possible accumulation of wax in the filter.
- Avoid excessive use of the “PORTABLE QUICK START SPRAY” at the air intake to prevent damage to the cylinder head gasket.
- Lifeboat batteries with double capacity.

- The above may also apply to the emergency fire pump and emergency generator.

For more information, see [www.dnv.com](http://www.dnv.com) or send your questions to [enews@dnv.com](mailto:enews@dnv.com)

