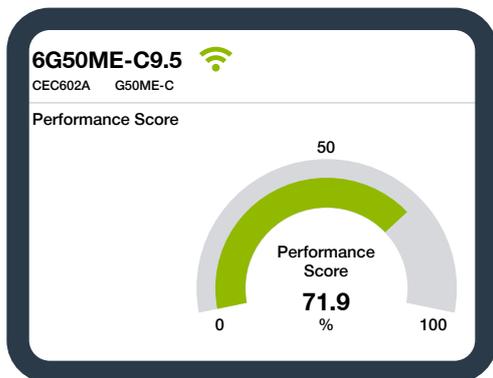


# Discover our new digital feature of PrimeServ Assist!

## Performance score

The Performance Score provides a strategic and easy overview of the engine performance. It gives the user one single key figure that reflects the overall engine performance - derived via various parameters. The Performance Score is calculated based on 11 sub scores. It gives the indication of which part of the engine needs attention and if immediate action is recommended.

## How it looks



## Performance Sub Scores

- Heavy running number
- Exhaust temperature
- Turbocharger speed
- P(max) control
- P(comp) control
- P(scav) control
- Load control
- P(i) balance
- P(max) balance
- P(comp) balance
- Cooling

## Performance sub scores

### Cooling

We measure how effective the engine air coolers are.

### Exhaust temperature

To indicate turbocharger efficiency we measure the temperature of the exhaust gas entering.

### Heavy running number

We measure how heavy the propeller is running.

### P(comp) control

We measure the compression pressure

### Load control

We check if the measured engine load is as expected.

### P(comp) balance

We measure the compression on each cylinder.

### P(max) control

We measure the maximum combustion pressure

### P(scav) control

We measure the scavenge air pressure.

### P(i) balance

We measure the indicated mean pressure on each cylinder and calculate a score based on the balance between cylinders.

### P(max) balance

We measure the maximum combustion pressure on each cylinder and give a score based on the balance between cylinders.

### Turbocharger speed

We measure the turbo charger speed, a key indicator for its condition.

## How it works

# 1

Relevant data is generated at approx. 30 data points.

# 2

The data is analyzed focusing on 11 sub values. Each targeting a specific part of the engine.

# 3

The performance score is calculated giving a clear and easy indication of the engine performance.

# 4

The index gives an overview where improvements can be done and where immediate action is needed.

# 5

The remote operations center monitors all engines 24/7. They are able to assist the vessels in bringing the engine back into optimal condition.

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