

ENGINE MARINE GENSET

EQUIP NUM: 101_NORTHERNLIGHTS

SERIAL NUMBER: 101_NORTHERNLIGHT

H430-56279-5003

LABEL#: QC

SAMPLE SHIP TIME (days) : 11

805 Marine Mechanic

RECEIVED DATE: 06-Oct-26

NORTHERN_L PX320

 No Action Required

Interp By: Tony Finney

Interpreted On: 06-Oct-26

POTASSIUM IS ELEVATED. NO GLYCOL/WATER DETECTED. ALL OTHER TESTS APPEAR NORMAL. MORE SAMPLE HISTORY NEEDED TO ESTABLISH A NORMAL WEAR TREND. CONTINUE SAMPLING AT NORMAL INTERVAL.

SAMPLE INFORMATION



Sampled Date	25-Sep-26
Sample Id	H430-56279-5003
Lab Date	06-Oct-26
Meter [Hr]	0
Comp Meter [Hr]	0
Meter On Fluid	250
Fluid Brand	CHEVRON
Fluid Weight	15W-40
Fluid Type	DELO
Fluid Change	N
Filter Change	N
Kidney Loop	U
Total Fluid Added	0

WEAR LEVELS / ADDITIVES

25-Sep-26

ELEMENTAL ANALYSIS (PPM) ASTM D5185 [OIL] / ASTM D6130 [COOLANT]

Cu	Copper	17
Fe	Iron	14
Cr	Chromium	0
Al	Aluminum	1
Pb	Lead	1
Sn	Tin	0
Si	Silicon	8
Na	Sodium	4
K	Potassium	47
Mo	Molybdenum	111
Ni	Nickel	1
Ag	Silver	0
Ti	Titanium	0
V	Vanadium	0
Ca	Calcium	1820
P	Phosphorus	984
Zn	Zinc	1117
Mg	Magnesium	319
Ba	Barium	1
B	Boron	476
Sb	Antimony	0

For additional sample history, go to:

[Vision Link](#)

CONDITION / CONTAMINATION

25-Sep-26

VISCOSITY (CENTISTOKES) ASTM D445

V100	Viscosity at 100 C	13.40
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INFRARED (UFM) ASTM E2412

ST	Soot	0
OXI	Oxidation	15
SUL	Sulfate By-Product	19
NIT	Nitration	7

WATER

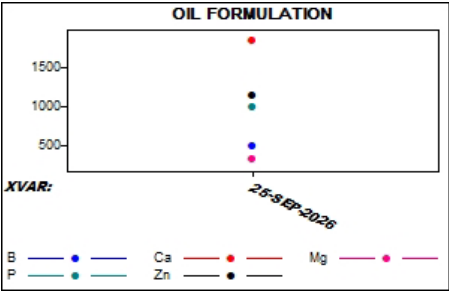
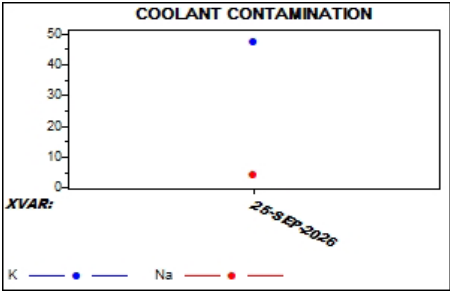
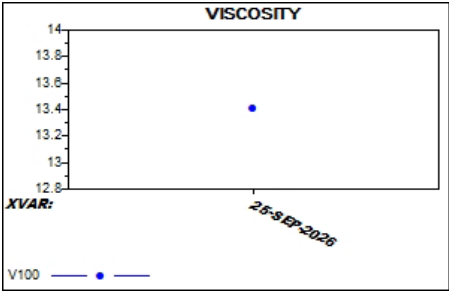
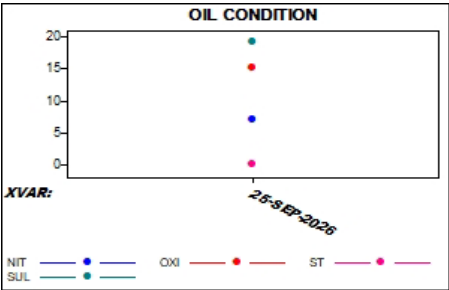
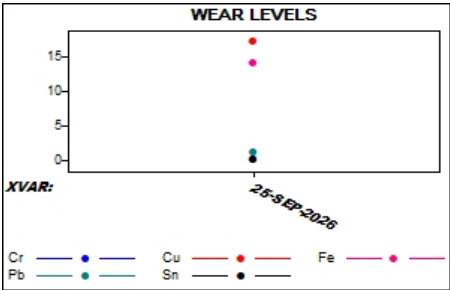
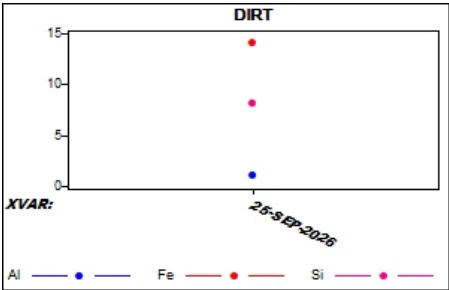
W	Water	N
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ANTIFREEZE

A	Antifreeze	N
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FUEL

F	Fuel	N
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Report Comment

S-O-S fluid sample result recommendations are now available in VisionLink. Please go to vl.cat.com to set up your VisionLink account and enable notifications.