



MARINE GEAR PORT

EQUIP NUM: 20047196

SERIAL NUMBER: 20047196

ZF ZF350A_ZF

No Action Required

Interp By: Robert W Hobson

Interpreted On: 02-Aug-24

D100-54215-0579
 SAMPLE SHIP TIME (days) : 1
DIGGS DIESEL
 RECEIVED DATE: 02-Aug-24

NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.

SAMPLE INFORMATION

Sampled Date	01-Aug-24
Sample Id	D100-54215-0579
Lab Date	02-Aug-24
Meter [Hr]	6020
Meter On Fluid	
Fluid Brand	
Fluid Weight	15W-40
Fluid Type	
Fluid Change	N
Filter Change	U

PREVIOUS SAMPLE

NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.

CONDITION / CONTAMINATION

01-Aug-24

VISCOSITY (CENTISTOKES) ASTM D445

V100	Viscosity at 100 C	11.40
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INFRARED (UFM) ASTM E2412

ST	Soot	1
OXI	Oxidation	6
SUL	Sulfur Products	12
NIT	Nitration	0

WATER

W	Water	N
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WEAR LEVELS / ADDITIVES

01-Aug-24

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

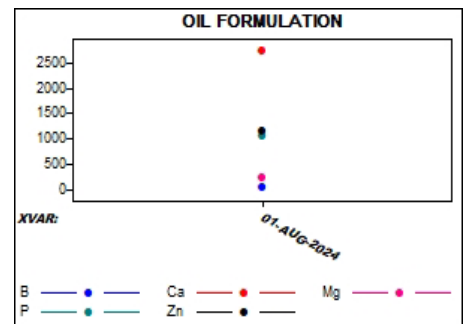
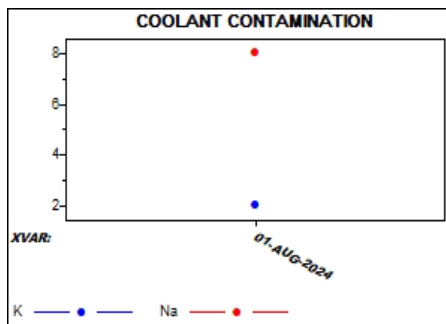
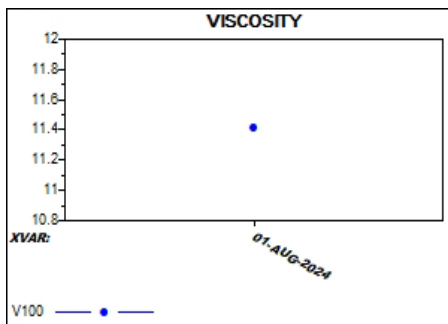
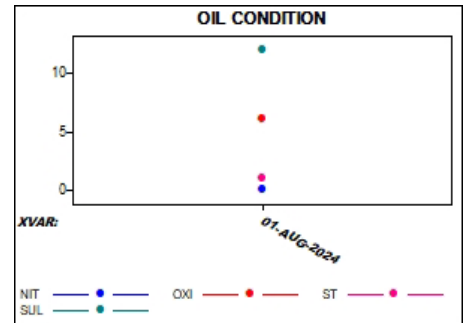
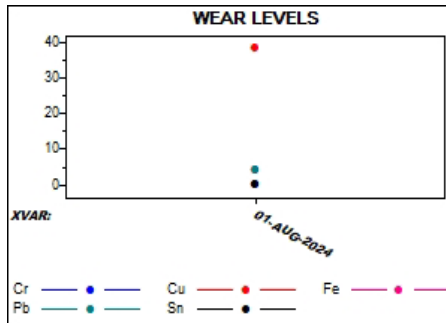
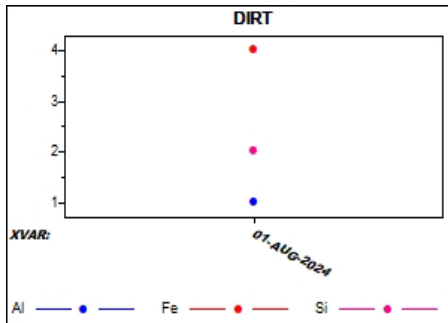
Cu	Copper	38
Fe	Iron	4
Cr	Chromium	0
Al	Aluminum	1
Pb	Lead	4
Sn	Tin	0
Si	Silicon	2
Na	Sodium	8
K	Potassium	2
Mo	Molybdenum	108
Ni	Nickel	0
Ag	Silver	0
Ti	Titanium	0
V	Vanadium	0
Ca	Calcium	2701
P	Phosphorus	1021
Zn	Zinc	1124
Mg	Magnesium	212
B	Boron	30

CLEANLINESS

01-Aug-24

PARTICLE COUNT - ISO11171:1999 reported per ISO 4406

ISO	ISO Code Rating	17/15/13
4µ	4µ	1292
6µ	6µ	198
10µ	10µ	80
14µ	14µ	68
21µ	21µ	60
38µ	38µ	52



Report Comment

Our sample report has been updated! For more information on the new report, go to - <https://www.youtube.com/watch?v=4h8bREJVUrs>