

**ENGINE**
**EQUIP NUM: 220KW GENSET**
**SERIAL NUMBER: PE6068L228039**
**N030-54072-0498**

LABEL#: 201298851

SAMPLE SHIP TIME (days) : 2

**MIDNIGHT OIL**
**MECHANICAL SERVICES**

RECEIVED DATE: 12-Mar-24

**DEERE 6068HF485**
**No Action Required**
**Interp By: Gregory Scribner**
**Interpreted On: 13-Mar-24**

DIRT AND WEAR METALS APPEAR TO BE AT ACCEPTABLE LEVELS. OTHER READINGS APPEAR TO BE NORMAL. RESAMPLE AT THE NEXT SERVICE INTERVAL.

**SAMPLE INFORMATION**

Sampled Date 10-Mar-24  
 Sample Id N030-54072-0498  
 Lab Date 12-Mar-24  
 Meter [Hr] 12235.0  
 Meter On Fluid 300.0  
 Fluid Brand  
 Fluid Weight  
 Fluid Type  
 Fluid Change N  
 Filter Change N

**CONDITION / CONTAMINATION**

10-Mar-24

**VISCOSITY (Centistokes)**

V100 Viscosity at 100 C 13.50

**VISCOSITY (Centistokes)**

V40 Viscosity at 40 C 80.50

**VISCOSITY INDEX**

VI Viscosity Index 172

**WEAR LEVELS / ADDITIVES**

10-Mar-24

**ELEMENTAL ANALYSIS (ppm)**

Na	Sodium	3
K	Potassium	2
Si	Silicon	4
Al	Aluminum	0
Fe	Iron	61
Cr	Chromium	0
Pb	Lead	0
Cu	Copper	1
Sn	Tin	0
Ni	Nickel	1
Ag	Silver	0
Ti	Titanium	0
V	Vanadium	0
Zn	Zinc	1095
Ca	Calcium	1180
Mg	Magnesium	677
Ba	Barium	0
B	Boron	49
Mo	Molybdenum	41
P	Phosphorus	831

**INFRARED (UFM)**

ST	Soot	6
OXI	Oxidation	17
SUL	Sulfur Products	20
NIT	Nitration	9

**ANTIFREEZE**

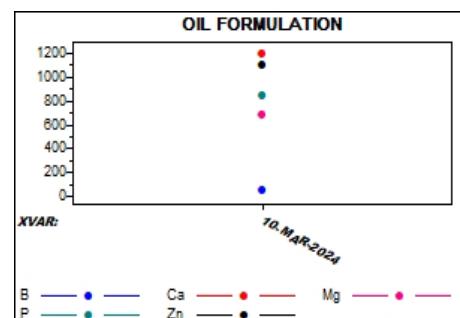
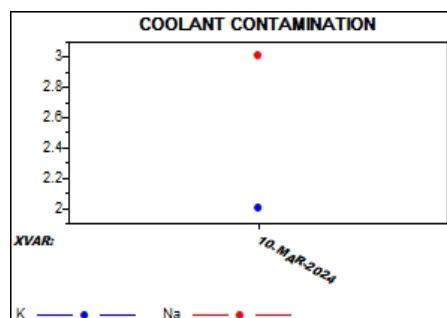
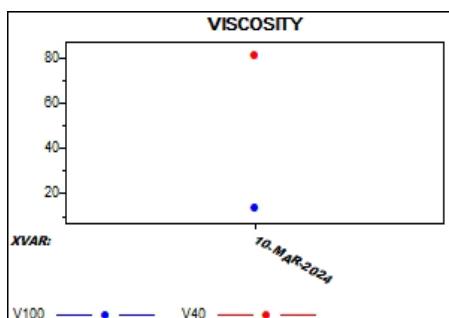
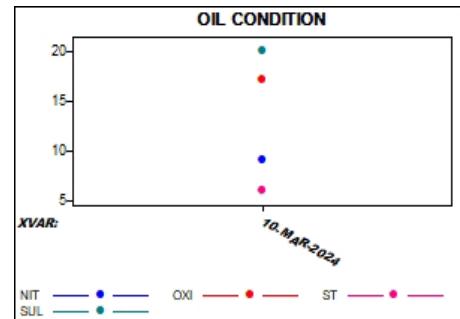
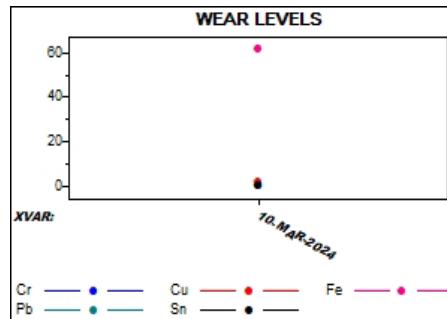
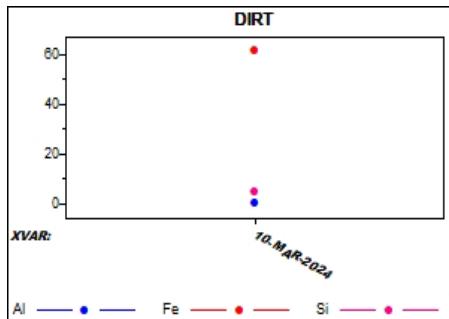
A Antifreeze N

**FUEL**

F Fuel N

**WATER**

W Water N



#### Report Comment

Our sample reports has been updated! For more information on the new report, go to - <https://www.youtube.com/watch?v=4h8bREJVUrs>. Access our online platform: <https://soswebmc.cat.com/cat-sos/samples>. Want to sign up for online portal?, Go Paperless? Or have any questions on SOS? Contact us 8:00am - 4:00pm MST M-F at SOS Support: 1-888-FINNING or [oilsupport@finning.com](mailto:oilsupport@finning.com).