

MARINE GEAR PORT

EQUIP NUM: BLACK HORSE

SERIAL NUMBER: 11217-0887

D350-52019-1424

SAMPLE SHIP TIME (days) : 1

M D MARINE DIESEL

SERVICE

RECEIVED DATE: 19-Jan-22

CAPITOL GE HE11200

No Action Required

COPPER IS ELEVATED. COPPER ALONE USUALLY INDICATES COOLER CORE LEACHING AND IS NOT NORMALLY WEAR OF BRONZE/BRASS PARTS. WILL MONITOR WITH SAMPLES.

Interp By: Eileen T. Garcia

Interpreted On: 19-Jan-22

SAMPLE INFORMATION

Sampled Date	18-Jan-22
Sample Id	D350-52019-1424
Lab Date	19-Jan-22
Meter [Hr]	4980.2
Meter On Fluid	25
Fluid Brand	
Fluid Weight	
Fluid Type	
Fluid Change	U
Filter Change	U

For additional sample history, go to:

my.cat.com

CONDITION / CONTAMINATION

18-Jan-22

VISCOSITY (CENTISTOKES) ASTM D445

V100	Viscosity at 100 C	13.40
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WATER

W	Water	N
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CLEANLINESS

18-Jan-22

PARTICLE COUNT - ISO 11171:1999 reported per ISO 4406

ISO	ISO Code Rating	24/21/13
4µ	4µ	81280
6µ	6µ	11870
10µ	10µ	555
14µ	14µ	75
18µ	18µ	35
21µ	21µ	10
38µ	38µ	0
50µ	50µ	0

WEAR LEVELS / ADDITIVES

18-Jan-22

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

Cu	Copper	791
Fe	Iron	67
Cr	Chromium	0
Al	Aluminum	5
Pb	Lead	178
Sn	Tin	6
Si	Silicon	5
Na	Sodium	7
K	Potassium	2
Mo	Molybdenum	20
Ni	Nickel	1
Ag	Silver	0
Ti	Titanium	0
V	Vanadium	0
Mn	Manganese	1
Ca	Calcium	2928
P	Phosphorus	1258
Zn	Zinc	1441
Mg	Magnesium	198
Ba	Barium	0
B	Boron	41

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Report Comment

Our sample reports has been updated! For more information on the new report, go to - <https://www.youtube.com/watch?v=4h8bREJVUrs>
Ring Power Fluid Analysis Customer Feedback Survey - https://docs.google.com/forms/d/e/1FAIpQLSfWLID-C3HIGUdEsuOas1Y0tkOJ5Fm-9MqZ77NnxRD9a6jNDg/viewform?usp=sf_link