

ENGINE MARINE

EQUIP NUM: 9KS00266

SERIAL NUMBER: 9KS00266

STARBOARD

CAT 3412E

D260-56288-0080

SAMPLE SHIP TIME (days) : 6

ACE MARINE DIESEL

WELL DONE

RECEIVED DATE: 10/15/2026



No Action Required

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

Interp By: Josue X Fuentes

Interpreted On: 10/16/2026

SAMPLE INFORMATION



Sampled Date	09-Oct-26
Sample Id	D260-56288-0080
Lab Date	15-Oct-26
Meter [Hr]	8519
Comp Meter [Hr]	8519
Meter On Fluid	10
Fluid Brand	
Fluid Weight	15W-40
Fluid Type	
Fluid Change	U
Filter Change	U
Kidney Loop	U
Total Fluid Added	0

WEAR LEVELS / ADDITIVES

09-Oct-26

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

Cu	Copper	1
Fe	Iron	3
Cr	Chromium	0
Al	Aluminum	1
Pb	Lead	0
Sn	Tin	0
Si	Silicon	3
Na	Sodium	0
K	Potassium	7
Mo	Molybdenum	4
Ni	Nickel	0
Ag	Silver	2
Ca	Calcium	2479
P	Phosphorus	1078
Zn	Zinc	1329
Mg	Magnesium	73

For additional sample history, go to:

[Vision Link](#)

CONDITION / CONTAMINATION

09-Oct-26

VISCOSITY (CENTISTOKES) ASTM D445

V100 Viscosity at 100 C 14.27

FUEL

F Fuel N

INFRARED (UFM) ASTM E2412

ST	Soot	0
OXI	Oxidation	16
SUL	Sulfate By-Product	21
NIT	Nitration	0

WATER

W Water N

ANTIFREEZE

A Antifreeze 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.