Quinn Company - P.O. Box 226789 Los Angeles, CA 90022 USA

PHONE: 559-891-5499

Web: http://quinncompany.com Email: soslab@quinncompany.com

MARINE GEAR

STARBOARD

EQUIP NUM: NOSERIALPROVIDED_STB

ZF 80A_ZF

SERIAL NUMBER: NOSERIALPROVIDED_

H430-56261-0313

LABEL#: QC

SAMPLE SHIP TIME (days) : 7

805 Marine Mechanic

RECEIVED DATE: 18-Sep-26

No Action Required

Interp By: Tony Finney

Interpreted On: 18-Sep-26

ALL TESTS APPEAR NORMAL. MORE SAMPLE HISTORY NEEDED TO ESTABLISH A NORMAL WEAR TREND. CONTINUE SAMPLING AT NORMAL INTERVAL.

SAMPLE INFORMATION

Sampled Date	11-Sep-26
Sample Id	H430-56261-0313
Lab Date	18-Sep-26
Meter [Hr]	0
Comp Meter [Hr]	0
Meter On Fluid	250
Fluid Brand	OTHER
Fluid Weight	
Fluid Type	ATF
Fluid Change	N
Filter Change	N
Kidney Loop	U
Total Fluid Added	0

WEAR LEVELS / ADDITIVES

11-Sep-26

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

Cu	Copper	77
Fe	Iron	25
Cr	Chromium	0
Al	Aluminum	2
Pb	Lead	36
Sn	Tin	0
Si	Silicon	5
Na	Sodium	1
K	Potassium	0
Mo	Molybdenum	3
Ni	Nickel	1
Ag	Silver	0
Ti	Titanium	0
V	Vanadium	0
Ca	Calcium	197
P	Phosphorus	206
Zn	Zinc	73
Mg	Magnesium	37
Ba	Barium	1
B	Boron	48
Sb	Antimony	0

For additional sample history, go to: Vision Link

CONDITION / CONTAMINATION

11-Sep-26

VISCOSITY (CENTISTOKES) ASTM D445

V100	Viscosity at 100 C	5.600

INFRARED (UFM) ASTM E2412

ST	Soot	0
OXI	Oxidation	9
SUL	Sulfate By-Product	16
NIT	Nitration	3

WATER

W	Water	N

CLEANLINESS

11-Sep-26

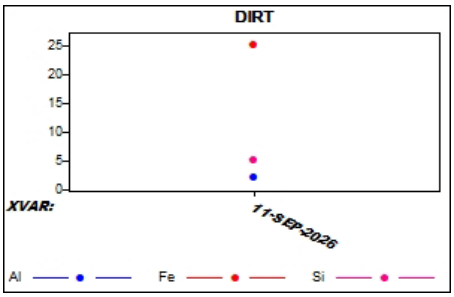
PARTICLE COUNT - ISO 11171:1999 reported per ISO 4406

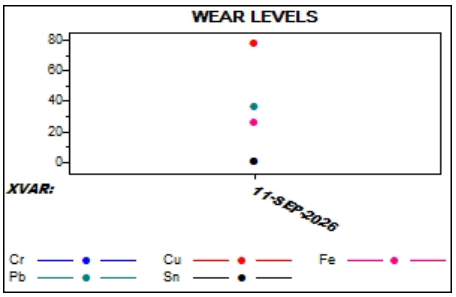
ISO	ISO Code Rating	24/21/15
4µ	4µ	132870
6µ	6µ	10735
10µ	10µ	600
14µ	14µ	210
18µ	18µ	85
21µ	21µ	55
38µ	38µ	5
50µ	50µ	5

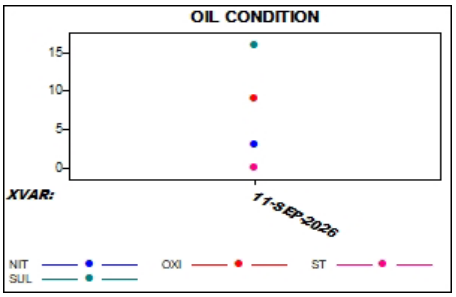
Notice: This analysis is intended as an aid in predicting mechanical wear. No guarantee, expressed or implied, is made against failure of this piece of equipment or component thereof.

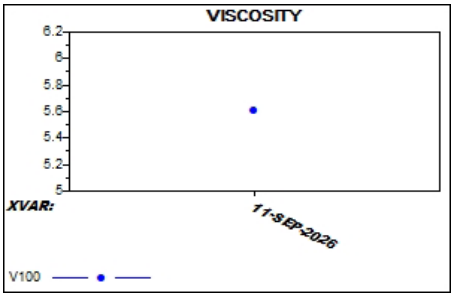
MARINE GEAR STARBOARD
SERIAL NUMBER: NOSERIALPROVIDED_STB
EQUIP NUM: NOSERIALPROVIDED_STB
ZF 80A_ZF

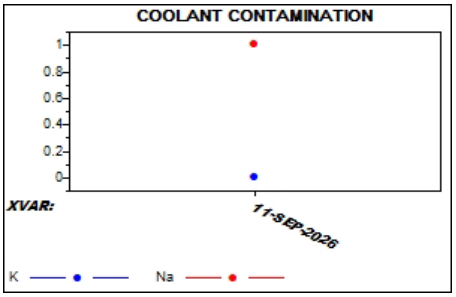
H430-56261-0313
No Action Required

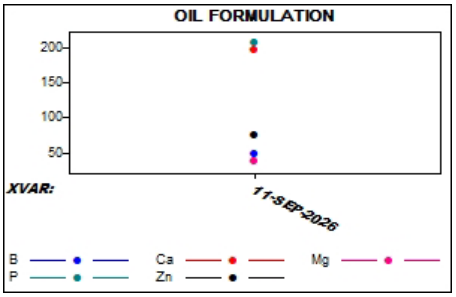












Report Comment

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

Notice: This analysis is intended as an aid in predicting mechanical wear. No guarantee, expressed or implied, is made against failure of this piece of equipment or component thereof.