

ENGINE MARINE PORT

EQUIP NUM: 805MM_D4_PORT

SERIAL NUMBER: 805MM_D4_PORT

H430-56140-0209

LABEL#: QC

SAMPLE SHIP TIME (days) : 2

805 Marine Mechanic

RECEIVED DATE: 20-May-26

VOLVO D-4 VOLVO

No Action Required

UNKNOWN HOURS ON THE OIL. ALL TESTS APPEAR NORMAL. MORE SAMPLE HISTORY NEEDED TO ESTABLISH A NORMAL WEAR TREND. CONTINUE SAMPLING AT NORMAL INTERVAL.

Interp By: Tony Finney
Interpreted On: 22-May-26

SAMPLE INFORMATION

| | |
|-------------------|-----------------|
| Sampled Date | 18-May-26 |
| Sample Id | H430-56140-0209 |
| Lab Date | 20-May-26 |
| Meter [Hr] | 382 |
| Comp Meter [Hr] | 382 |
| Meter On Fluid | |
| Fluid Brand | SHELL |
| Fluid Weight | 15W-40 |
| Fluid Type | ROTELLA |
| Fluid Change | N |
| Filter Change | N |
| Kidney Loop | U |
| Total Fluid Added | 0 |

For additional sample history, go to:

[S.O.S WEB](#)

CONDITION / CONTAMINATION

18-May-26

VISCOSITY (CENTISTOKES) ASTM D445

| | | |
|------|--------------------|-------|
| V100 | Viscosity at 100 C | 13.60 |
|------|--------------------|-------|

INFRARED (UFM) ASTM E2412

| | | |
|-----|--------------------|----|
| ST | Soot | 0 |
| OXI | Oxidation | 13 |
| SUL | Sulfate By-Product | 19 |
| NIT | Nitration | 5 |

WATER

| | | |
|---|-------|---|
| W | Water | N |
|---|-------|---|

WEAR LEVELS / ADDITIVES

18-May-26

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

| | | |
|----|------------|------|
| Cu | Copper | 1 |
| Fe | Iron | 11 |
| Cr | Chromium | 0 |
| Al | Aluminum | 1 |
| Pb | Lead | 0 |
| Sn | Tin | 0 |
| Si | Silicon | 4 |
| Na | Sodium | 10 |
| K | Potassium | 0 |
| Mo | Molybdenum | 69 |
| Ni | Nickel | 1 |
| Ag | Silver | 0 |
| Ti | Titanium | 0 |
| V | Vanadium | 1 |
| Ca | Calcium | 1214 |
| P | Phosphorus | 1350 |
| Zn | Zinc | 1485 |
| Mg | Magnesium | 1243 |
| Ba | Barium | 0 |
| B | Boron | 4 |
| Sb | Antimony | 0 |

ANTIFREEZE

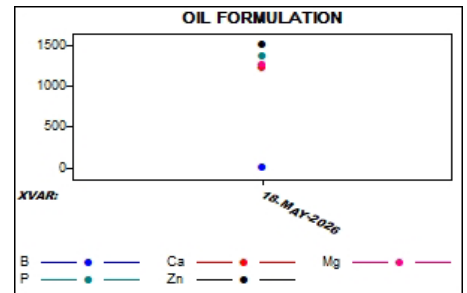
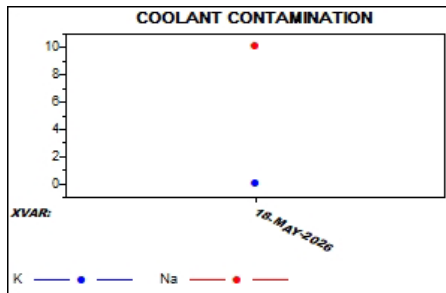
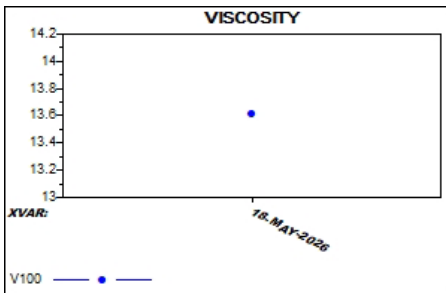
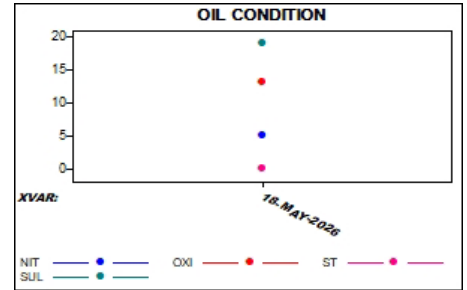
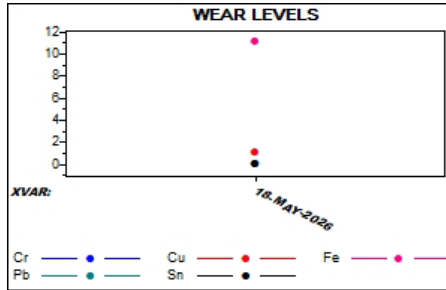
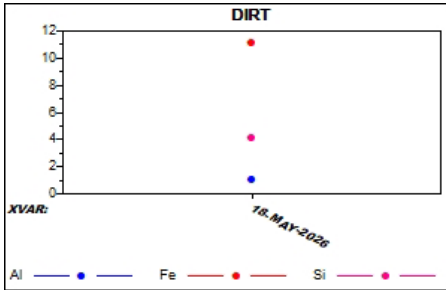
| | | |
|---|------------|---|
| A | Antifreeze | N |
|---|------------|---|

FUEL

| | | |
|---|------|---|
| F | Fuel | N |
|---|------|---|

FUEL CONTENT (%) ASTM D3524

| | | |
|-----|--------------|-----|
| PFc | Percent Fuel | 0.9 |
|-----|--------------|-----|



Report Comment

February 27, 2026, SOS Web functionality will transition to VisionLink®. Begin the transition to VisionLink now - Sign up or log in to vlcat.com to update your settings, manage your fleet, configure your jobsites (groups) and notifications. Once the transition occurs on February 27, 2026, the following functionality will be available in VisionLink: submit samples, track samples, view and graph sample history, and view/download reports. SOS Web will no longer be available on March 2, 2026.