



CONSTRUCTION EQUIPMENT

9918 VOLVO L70H 62360Z - TRANSMISSION (AUTO)



Sample No: VCP388529
Oil Type: CHEVRON SYN ATF HD
Job No: 9918



SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-----|-----|
| Sample Number | VCP388529 | VCP402609 | --- | --- |
| Sample Date | 09 Nov 2023 | 01 Mar 2023 | --- | --- |
| Machine Hours | 2939 | 2651 | --- | --- |
| Oil Hours | 0 | 0 | --- | --- |
| Oil Changed | Not Chngd | Changed | --- | --- |
| Sample Status | NORMAL | ABNORMAL | --- | --- |

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OIL CONDITION

| | | | | | |
|-------------|-----|-------------|------|-----|-----|
| Visc @ 40°C | cSt | 28.1 | 27.2 | --- | --- |
|-------------|-----|-------------|------|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|--------------|----|-----|-----|
| Silicon | ppm | 4 | 10 | --- | --- |
| Sodium | ppm | 1 | 3 | --- | --- |
| Potassium | ppm | <1 | 2 | --- | --- |

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

| | | | | | |
|------------|-----|--------------|-----|-----|-----|
| Iron | ppm | 50 | 148 | --- | --- |
| Copper | ppm | <1 | 6 | --- | --- |
| Lead | ppm | <1 | <1 | --- | --- |
| Tin | ppm | <1 | 0 | --- | --- |
| Aluminum | ppm | <1 | 2 | --- | --- |
| Chromium | ppm | 0 | <1 | --- | --- |
| Molybdenum | ppm | 0 | <1 | --- | --- |
| Nickel | ppm | 0 | <1 | --- | --- |
| Titanium | ppm | 0 | 0 | --- | --- |
| Silver | ppm | 0 | 0 | --- | --- |
| Manganese | ppm | 1 | 5 | --- | --- |
| Vanadium | ppm | 0 | 0 | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|--------------|-----|-----|-----|
| Calcium | ppm | 89 | 164 | --- | --- |
| Magnesium | ppm | <1 | 4 | --- | --- |
| Zinc | ppm | 11 | 35 | --- | --- |
| Phosphorus | ppm | 186 | 245 | --- | --- |
| Barium | ppm | 0 | 3 | --- | --- |
| Boron | ppm | 81 | 67 | --- | --- |

Depot: VOLVO0150
Unique No: 10739788
Signed: Jonathan Hester
Report Date: 15 Nov 2023

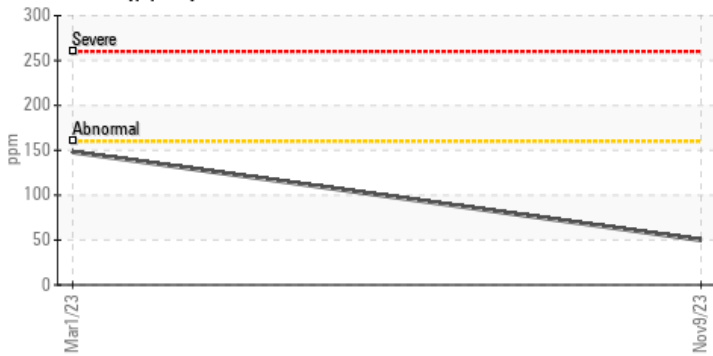


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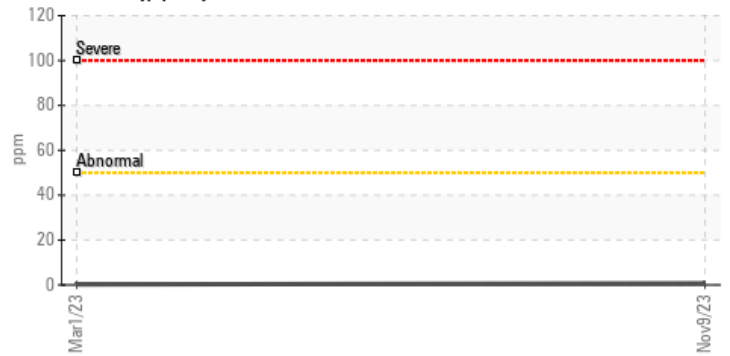


GRAPHS

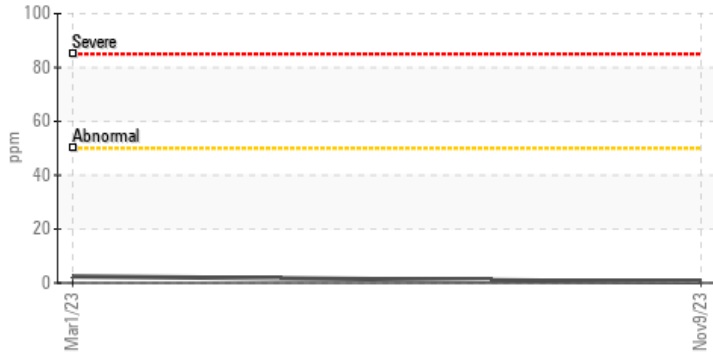
Iron (ppm)



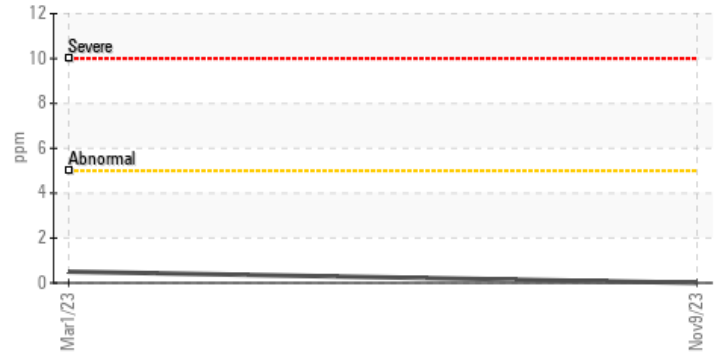
Lead (ppm)



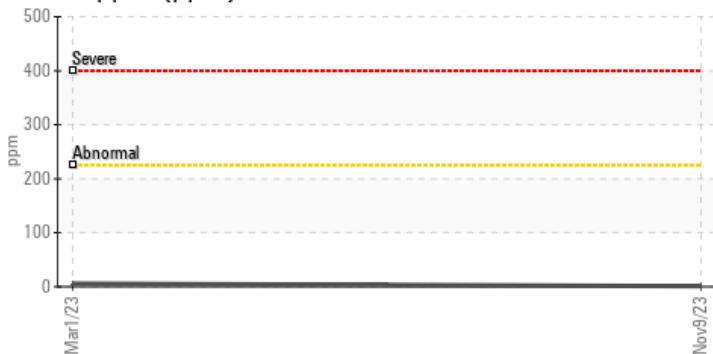
Aluminum (ppm)



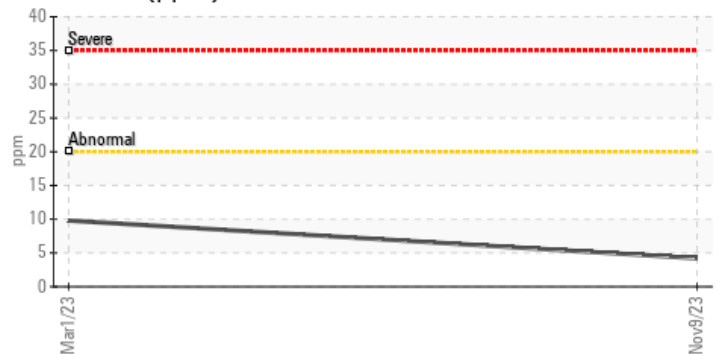
Chromium (ppm)



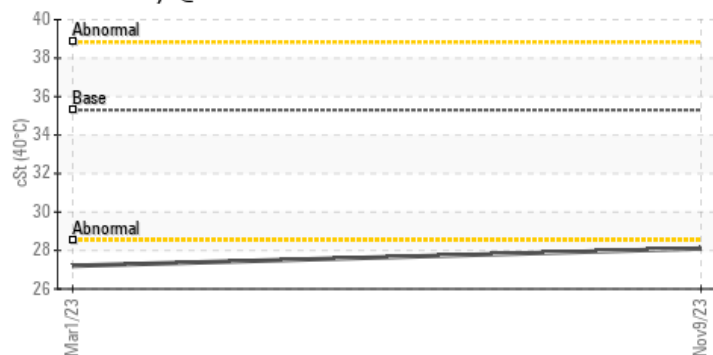
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

