



CONSTRUCTION EQUIPMENT

VOLVO L350F 1078 - HYDRAULIC SYSTEM



Sample No: VCP371094
Oil Type: AW HYDRAULIC OIL ISO 46
Job No:



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP371094 | --- | --- | --- |
| Sample Date | 09 Jan 2024 | --- | --- | --- |
| Machine Hours | 27068 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | Not Chngd | --- | --- | --- |
| Sample Status | ATTENTION | --- | --- | --- |

ROGERS GROUP, INC
 421 GREAT CIRCLE ROAD
 NASHVILLE, TN
 US 37228
 Contact: SERVICE MANAGER



OIL CONDITION

| | | | | | |
|------------------|----------|---------|-----|-----|-----|
| Visc @ 40°C | cSt | ▲ 62.93 | --- | --- | --- |
| Acid Number (AN) | mg KOH/g | ■ 0.42 | --- | --- | --- |

T: (615)780-5730
 F:



CONTAMINATION

| | | | | | |
|-------------------|-----|----------|-----|-----|-----|
| Water | % | NEG | --- | --- | --- |
| Particles >4µm | | ■ 6109 | --- | --- | --- |
| Particles >6µm | | ■ 1542 | --- | --- | --- |
| Particles >14µm | | ■ 54 | --- | --- | --- |
| ISO 4406:1999 (c) | | 20/18/13 | --- | --- | --- |
| Silicon | ppm | ■ 0 | --- | --- | --- |
| Sodium | ppm | ■ 0 | --- | --- | --- |
| Potassium | ppm | ■ 0 | --- | --- | --- |

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable. Viscosity of sample indicates oil is within ISO 68 range, advise investigate. Confirm oil type. The AN level is acceptable for this fluid.



WEAR METALS

| | | | | | |
|------------|-----|-----|-----|-----|-----|
| Iron | ppm | ■ 0 | --- | --- | --- |
| Copper | ppm | ■ 0 | --- | --- | --- |
| Lead | ppm | ■ 0 | --- | --- | --- |
| Tin | ppm | ■ 0 | --- | --- | --- |
| Aluminum | ppm | ■ 0 | --- | --- | --- |
| Chromium | ppm | ■ 0 | --- | --- | --- |
| Molybdenum | ppm | ■ 0 | --- | --- | --- |
| Nickel | ppm | ■ 0 | --- | --- | --- |
| Titanium | ppm | 0 | --- | --- | --- |
| Silver | ppm | 0 | --- | --- | --- |
| Manganese | ppm | ■ 0 | --- | --- | --- |
| Vanadium | ppm | 0 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|-------|-----|-----|-----|
| Calcium | ppm | ■ 98 | --- | --- | --- |
| Magnesium | ppm | ■ 0 | --- | --- | --- |
| Zinc | ppm | ■ 469 | --- | --- | --- |
| Phosphorus | ppm | ■ 375 | --- | --- | --- |
| Barium | ppm | ■ 0 | --- | --- | --- |
| Boron | ppm | ■ 0 | --- | --- | --- |

Depot: ROGNAS
Unique No: 10830642
Signed: Jonathan Hester
Report Date: 18 Jan 2024

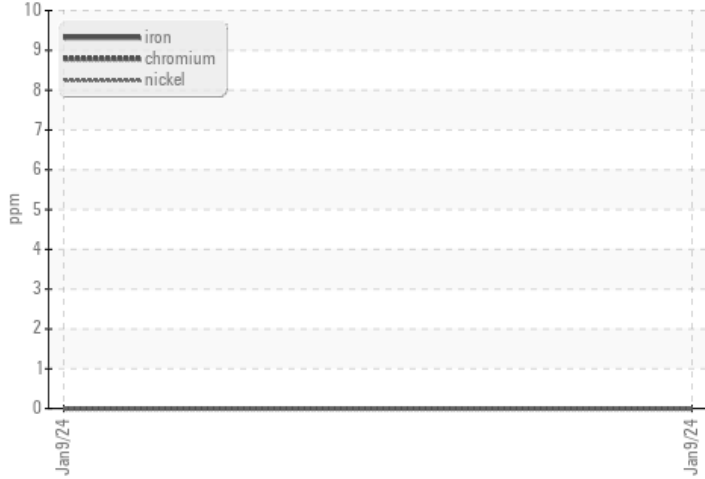


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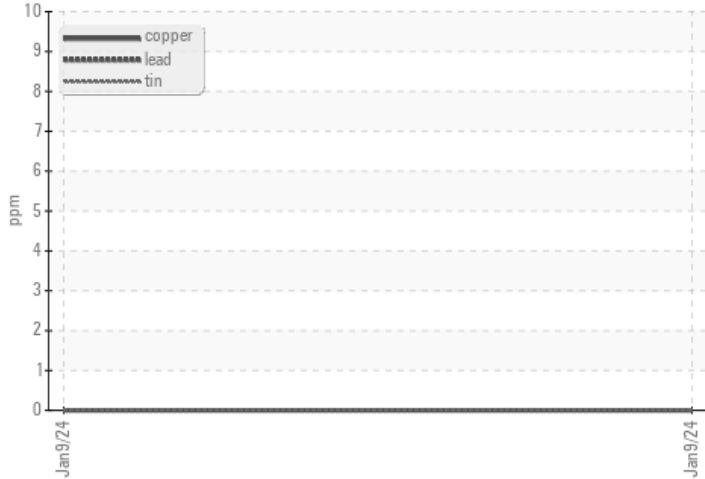


GRAPHS

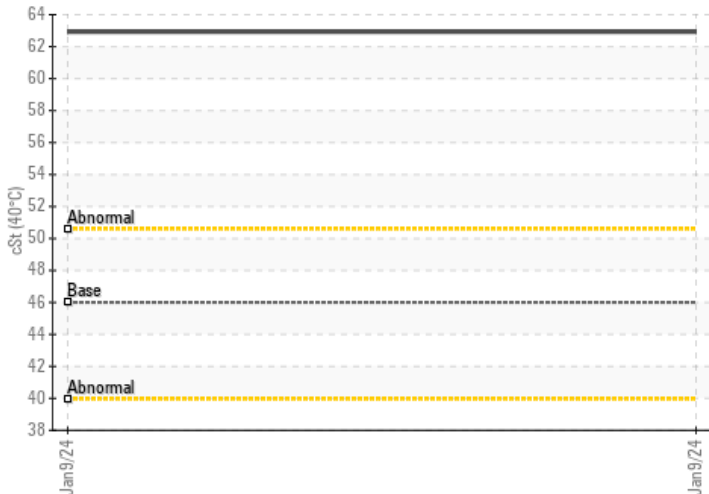
Ferrous Alloys



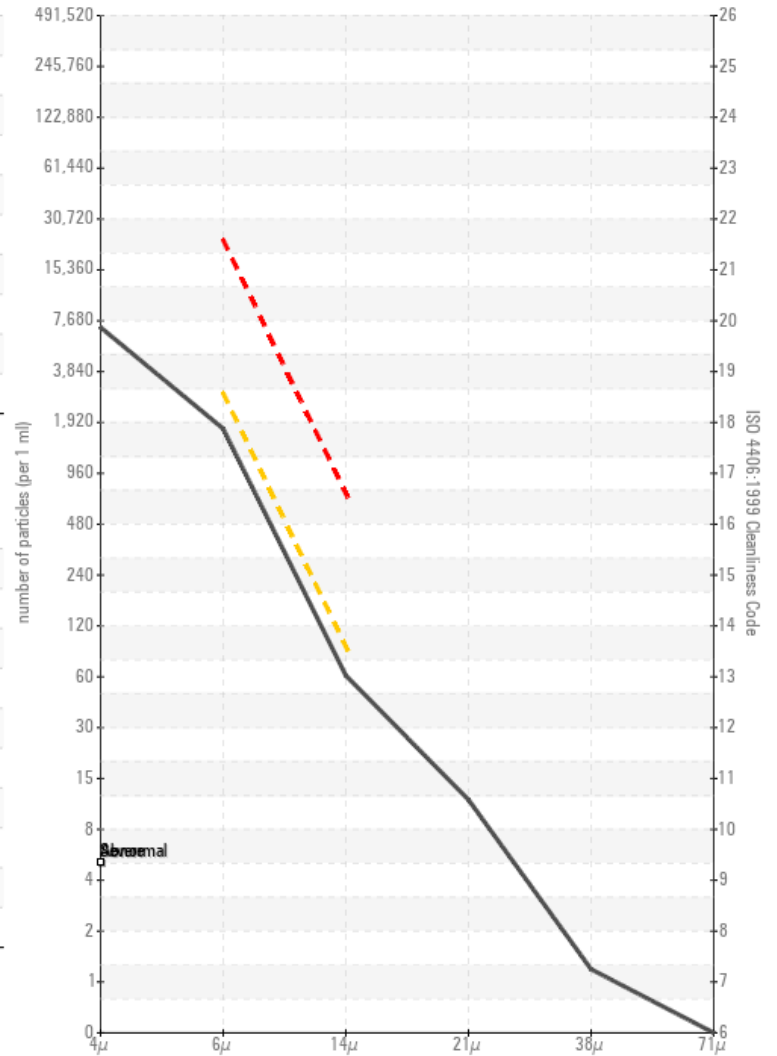
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

