



CONSTRUCTION EQUIPMENT

136317 VOLVO L260H 1362 - HYDRAULIC SYSTEM



Sample No: VCP434655
Oil Type: AW HYDRAULIC OIL ISO 46
Job No: 136317



SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-------------|-------------|
| Sample Number | VCP434655 | VCP440298 | VCP434228 | VCP371713 |
| Sample Date | 17 May 2024 | 02 Apr 2024 | 30 Jan 2024 | 13 Oct 2023 |
| Machine Hours | 3622 | 3173 | 2538 | 1526 |
| Oil Hours | 0 | 0 | 0 | 0 |
| Oil Changed | Not Chngd | Not Chngd | Not Chngd | Not Chngd |
| Sample Status | ATTENTION | NORMAL | NORMAL | ABNORMAL |

LATTIMORE MATERIALS/HOLCIM - ROSSER - LAFARGE
 14242 S SH-34
 SCURRY, TX
 US 75158
 Contact: WALLACE WARREN
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 T:
 F:



OIL CONDITION

| | | | | | |
|------------------|----------|-------------|------|------|------|
| Visc @ 40°C | cSt | 42.0 | 42.0 | 42.1 | 41.7 |
| Acid Number (AN) | mg KOH/g | 0.30 | 0.31 | 0.35 | 0.34 |



CONTAMINATION

| | | | | | |
|-------------------|-----|-----------------|----------|----------|-----|
| Water | % | NEG | NEG | NEG | NEG |
| Particles >4µm | | 6382 | 2240 | 4345 | --- |
| Particles >6µm | | 930 | 491 | 1113 | --- |
| Particles >14µm | | 52 | 47 | 97 | --- |
| ISO 4406:1999 (c) | | 20/17/13 | 18/16/13 | 19/17/14 | --- |
| Silicon | ppm | 4 | 4 | 2 | 2 |
| Sodium | ppm | 3 | 0 | 0 | <1 |
| Potassium | ppm | 1 | 2 | 1 | 0 |

Diagnosis

We recommend you service the filters on this component. Resample at the next service interval to monitor. All component wear rates are normal. There is a light amount of silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



WEAR METALS

| | | | | | |
|------------|-----|--------------|----|----|----|
| Iron | ppm | 6 | 6 | 4 | 7 |
| Copper | ppm | 2 | 4 | 3 | 2 |
| Lead | ppm | 1 | 2 | 2 | <1 |
| Tin | ppm | 0 | <1 | <1 | 0 |
| Aluminum | ppm | 1 | 2 | 2 | 0 |
| Chromium | ppm | <1 | 1 | <1 | <1 |
| Molybdenum | ppm | 0 | <1 | <1 | 0 |
| Nickel | ppm | 0 | <1 | <1 | 0 |
| Titanium | ppm | 0 | <1 | <1 | 0 |
| Silver | ppm | <1 | 0 | 0 | 0 |
| Manganese | ppm | 0 | <1 | <1 | 0 |
| Vanadium | ppm | 0 | <1 | 0 | 0 |



ADDITIVES

| | | | | | |
|------------|-----|--------------|-----|-----|-----|
| Calcium | ppm | 53 | 48 | 53 | 48 |
| Magnesium | ppm | <1 | 1 | <1 | 0 |
| Zinc | ppm | 441 | 426 | 417 | 417 |
| Phosphorus | ppm | 348 | 274 | 342 | 324 |
| Barium | ppm | 0 | 0 | 13 | 0 |
| Boron | ppm | 0 | 0 | 0 | 0 |

Depot: LATSCU
Unique No: 11045871
Signed: Wes Davis
Report Date: 24 May 2024

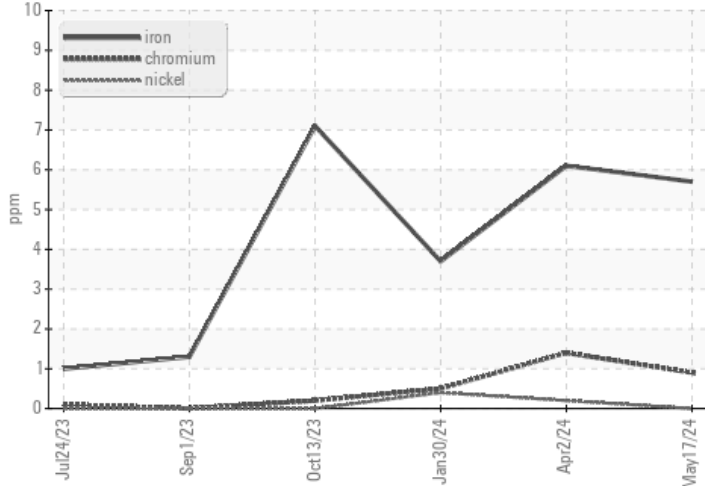


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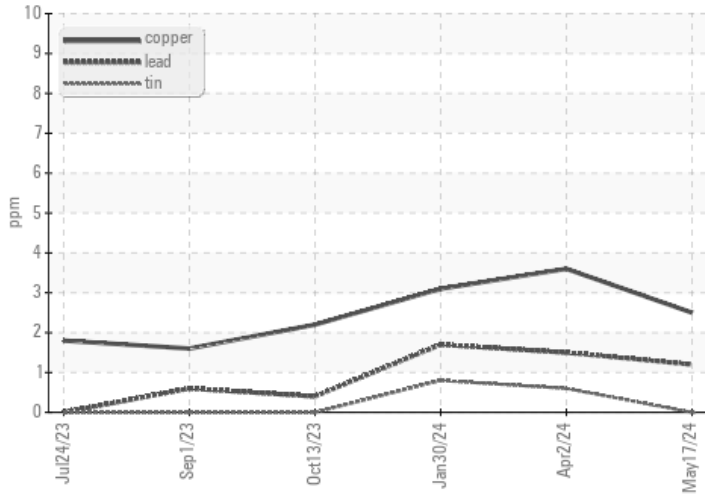


GRAPHS

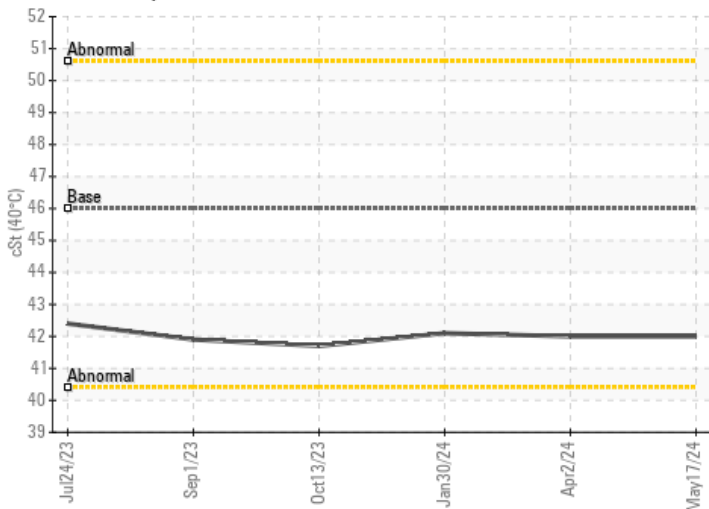
Ferrous Alloys



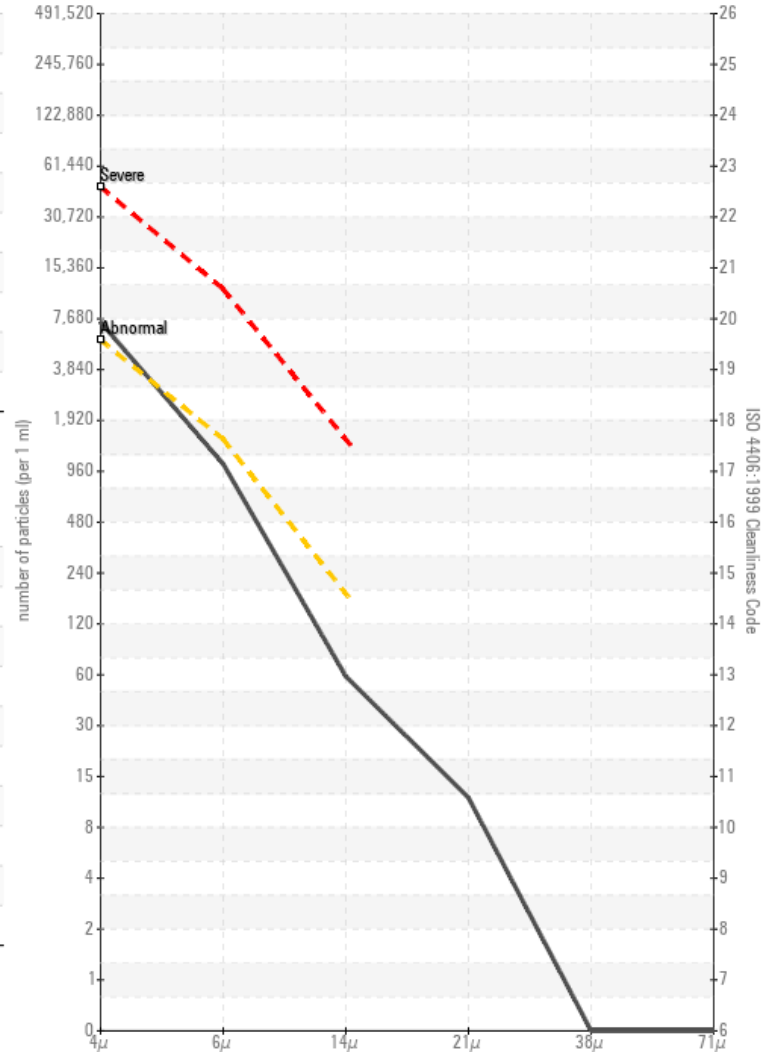
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

