



CONSTRUCTION EQUIPMENT

SWA523931 USED SALES VOLVO L90H 626330 - HYDRAULIC SYSTEM



Sample No: VCP370032
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: SWA523931 USED SALES



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP370032 | --- | --- | --- |
| Sample Date | 01 Apr 2024 | --- | --- | --- |
| Machine Hours | 507 | --- | --- | --- |
| Oil Hours | 507 | --- | --- | --- |
| Oil Changed | Not Chngd | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |

ALTA EQUIPMENT

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OIL CONDITION

| | | | | | |
|------------------|----------|--------|-----|-----|-----|
| Visc @ 40°C | cSt | █ 44.8 | --- | --- | --- |
| Acid Number (AN) | mg KOH/g | █ 0.31 | --- | --- | --- |

CONTAMINATION

| | | | | | |
|-------------------|-----|----------|-----|-----|-----|
| Water | % | NEG | --- | --- | --- |
| Particles >4µm | | █ 5408 | --- | --- | --- |
| Particles >6µm | | █ 609 | --- | --- | --- |
| Particles >14µm | | █ 36 | --- | --- | --- |
| ISO 4406:1999 (c) | | 20/16/12 | --- | --- | --- |
| Silicon | ppm | █ 5 | --- | --- | --- |
| Sodium | ppm | █ 0 | --- | --- | --- |
| Potassium | ppm | █ 1 | --- | --- | --- |

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

WEAR METALS

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

ADDITIVES

| | | | | | |
|------------|-----|-------|-----|-----|-----|
| Calcium | ppm | █ 57 | --- | --- | --- |
| Magnesium | ppm | █ 4 | --- | --- | --- |
| Zinc | ppm | █ 445 | --- | --- | --- |
| Phosphorus | ppm | █ 291 | --- | --- | --- |
| Barium | ppm | █ 0 | --- | --- | --- |
| Boron | ppm | █ 0 | --- | --- | --- |

Depot: VOLV00142
Unique No: 10966016
Signed: Wes Davis
Report Date: 09 Apr 2024

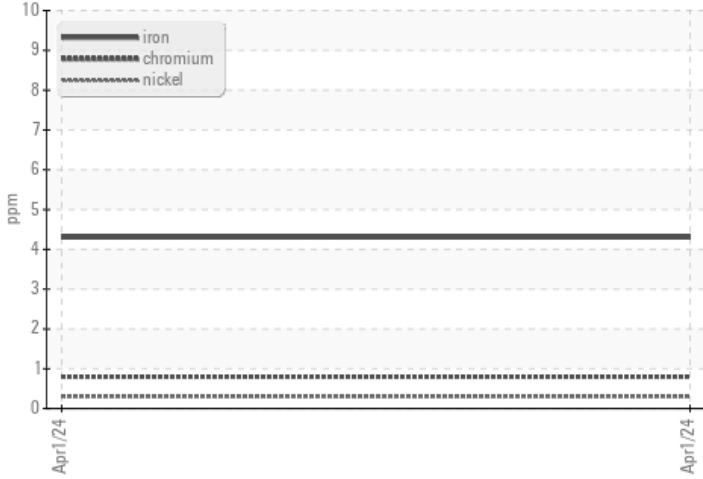


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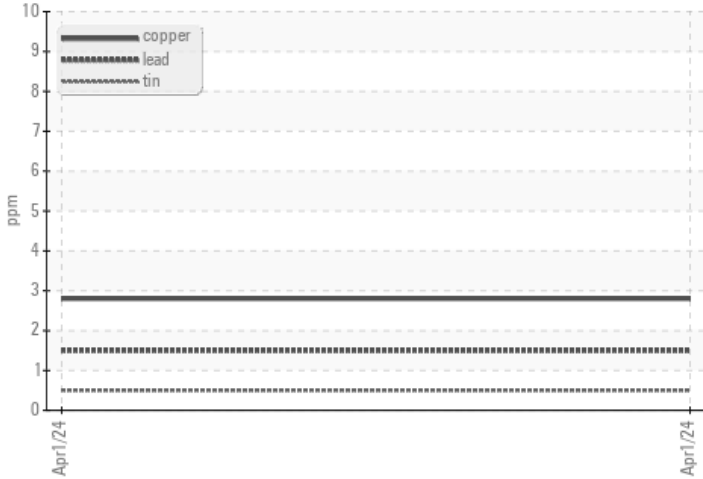


VOLVO GRAPHS

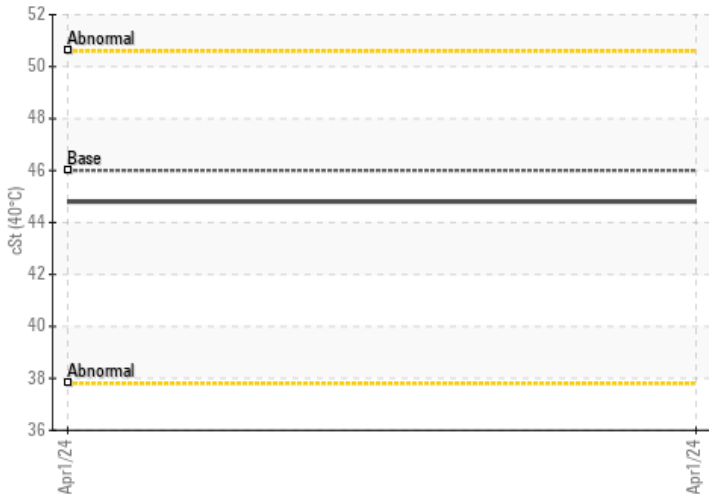
Ferrous Alloys



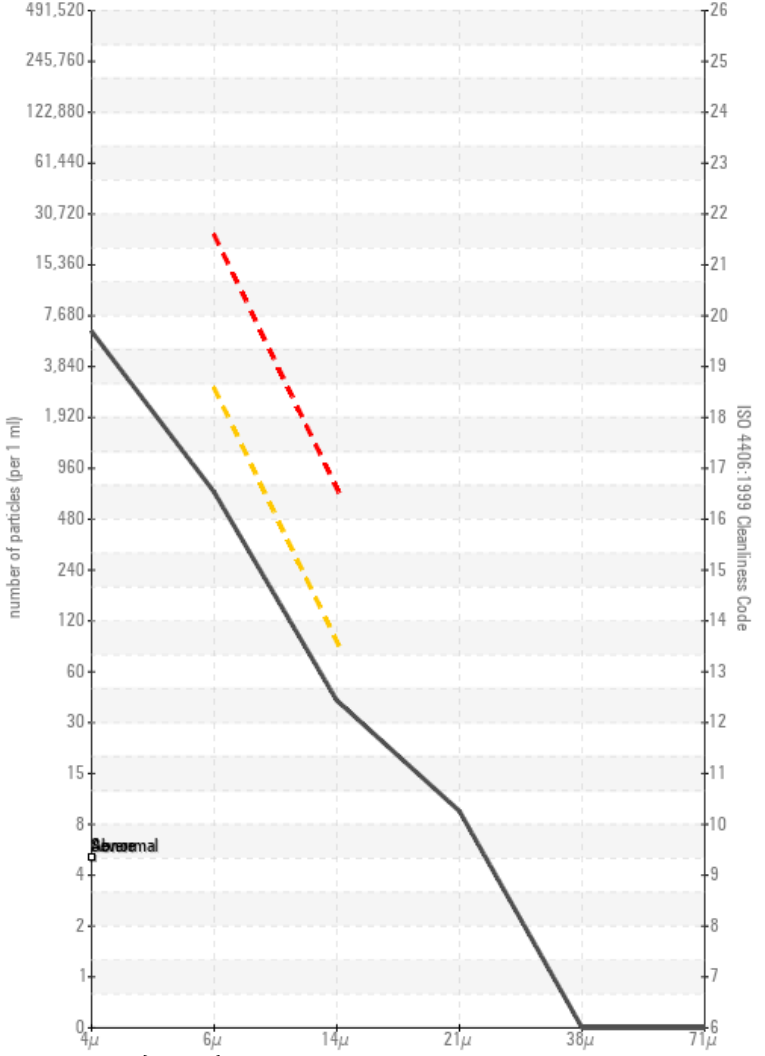
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

