



CONSTRUCTION EQUIPMENT

699870 CAMO FARMS VOLVO A30G 753045 - HYDRAULIC SYSTEM



Sample No: VCP455124
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 699870 CAMO FARMS



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-------------|-----|-----|
| Sample Number | VCP455124 | VCP434086 | --- | --- |
| Sample Date | 01 Apr 2024 | 29 Dec 2023 | --- | --- |
| Machine Hours | 1462 | 1004 | --- | --- |
| Oil Hours | 0 | 0 | --- | --- |
| Oil Changed | Not Chngd | Not Chngd | --- | --- |
| Sample Status | NORMAL | ABNORMAL | --- | --- |

ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC
9601 BOGGY CREEK RD
ORLANDO, FL
US 32824
Contact: Robert LaPlante
robert.laplante@altg.com
T: (407)508-9736
F: (407)659-8720



OIL CONDITION

| | | | | | |
|------------------|----------|--------|--------|-----|-----|
| Visc @ 40°C | cSt | █ 45.3 | █ 44.9 | --- | --- |
| Acid Number (AN) | mg KOH/g | █ 0.39 | █ 0.40 | --- | --- |



CONTAMINATION

| | | | | | |
|-------------------|-----|----------|----------|-----|-----|
| Water | % | NEG | NEG | --- | --- |
| Particles >4µm | | █ 58327 | █ 120383 | --- | --- |
| Particles >6µm | | █ 2541 | ▲ 16482 | --- | --- |
| Particles >14µm | | █ 105 | █ 10 | --- | --- |
| ISO 4406:1999 (c) | | 23/19/14 | 24/21/10 | --- | --- |
| Silicon | ppm | █ 5 | █ 5 | --- | --- |
| Sodium | ppm | █ 0 | █ 0 | --- | --- |
| Potassium | ppm | █ 1 | █ 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 | █ 20 | █ 33 | --- | --- |
| Copper | ppm | █ 3 | █ 3 | --- | --- |
| Lead | ppm | █ <1 | █ 1 | --- | --- |
| Tin | ppm | █ <1 | █ <1 | --- | --- |
| Aluminum | ppm | █ 2 | █ 2 | --- | --- |
| Chromium | ppm | █ <1 | █ <1 | --- | --- |
| Molybdenum | ppm | █ <1 | █ <1 | --- | --- |
| Nickel | ppm | █ 0 | █ <1 | --- | --- |
| Titanium | ppm | <1 | <1 | --- | --- |
| Silver | ppm | 0 | 0 | --- | --- |
| Manganese | ppm | █ <1 | █ <1 | --- | --- |
| Vanadium | ppm | 0 | 0 | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|-------|-------|-----|-----|
| Calcium | ppm | █ 370 | █ 408 | --- | --- |
| Magnesium | ppm | █ 4 | █ 3 | --- | --- |
| Zinc | ppm | █ 480 | █ 552 | --- | --- |
| Phosphorus | ppm | █ 360 | █ 442 | --- | --- |
| Barium | ppm | █ 0 | █ 8 | --- | --- |
| Boron | ppm | █ 8 | █ 9 | --- | --- |

Depot: VOLVO0096
Unique No: 10963295
Signed: Wes Davis
Report Date: 05 Apr 2024

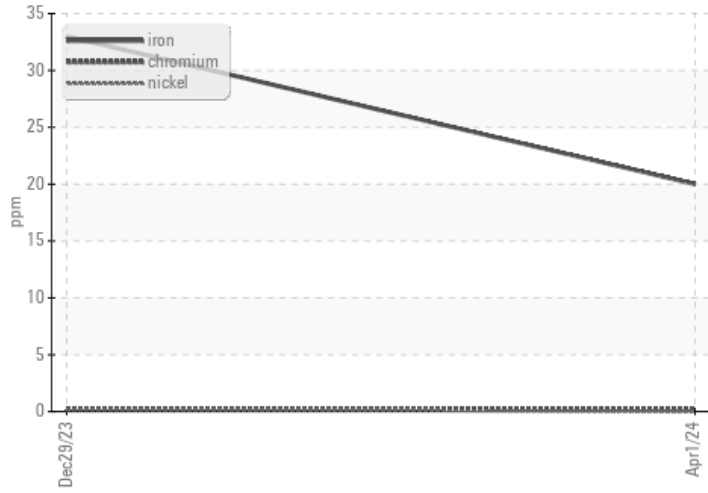


CONSTRUCTION EQUIPMENT

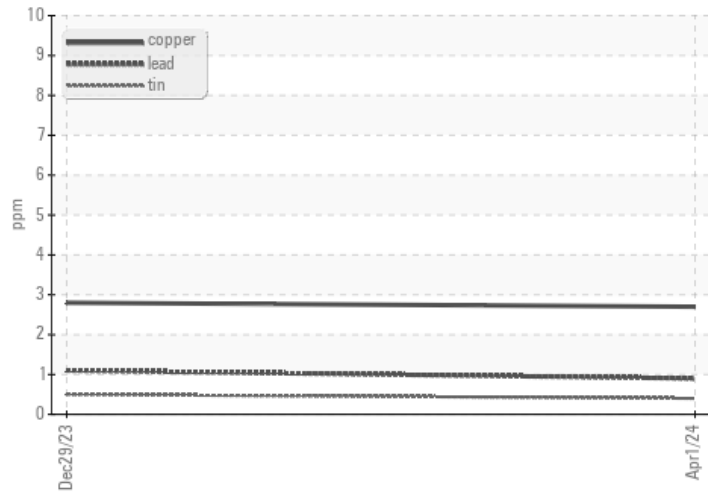


VOLVO GRAPHS

Ferrous Alloys



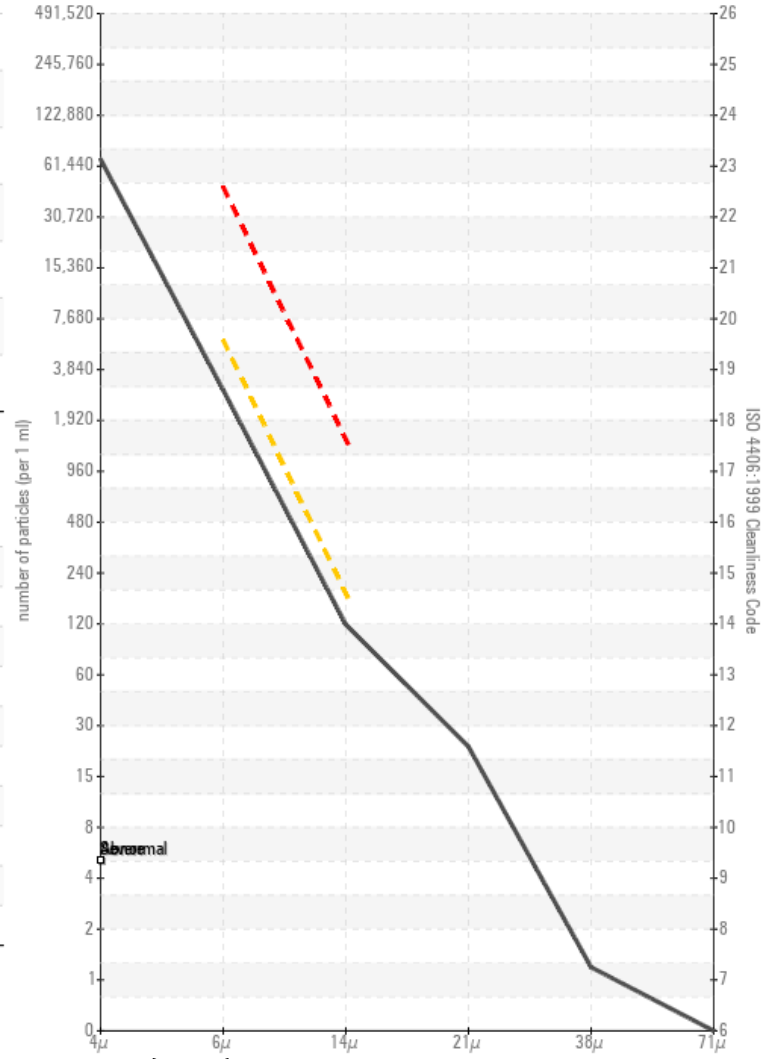
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

