



CONSTRUCTION EQUIPMENT

RESOLU LA DORE VOLVO L180H 5459 - TRANSMISSION (AUTO)



Sample No: VCP185597
Oil Type: VOLVO AT 102
Job No:



SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-------------|-------------|
| Sample Number | VCP185597 | VCP380479 | VCP347014 | VCP298368 |
| Sample Date | 03 Apr 2024 | 12 Jul 2023 | 13 Apr 2023 | 28 Apr 2022 |
| Machine Hours | 26074 | 20013 | 18010 | 10007 |
| Oil Hours | 2000 | 600 | 2000 | 0 |
| Oil Changed | Changed | Changed | Changed | Changed |
| Sample Status | NORMAL | NORMAL | NORMAL | NORMAL |

STRONGCO INC

1575 RUE BERSIMIS
 CHICOUTIMI, QC
 CA G7K 1G9
 Contact: Dany Levesque
 dlevesque@strongco.com
 T: (418)690-1724
 F: (418)690-5002



OIL CONDITION

| | | | | | |
|-------------|-----|-------------|------|------|------|
| Visc @ 40°C | cSt | 27.9 | 28.0 | 28.1 | 28.1 |
|-------------|-----|-------------|------|------|------|



CONTAMINATION

| Water | % | NEG | NEG | NEG | NEG |
|-----------|-----|--------------|-----|-----|-----|
| Silicon | ppm | 2 | 3 | 3 | 3 |
| Sodium | ppm | <1 | 1 | 1 | <1 |
| Potassium | ppm | <1 | 1 | 1 | 0 |



WEAR METALS

| | | | | | |
|------------|-----|--------------|----|----|----|
| Iron | ppm | 7 | 18 | 14 | 16 |
| Copper | ppm | 1 | 1 | 1 | 3 |
| Lead | ppm | 0 | 0 | 0 | 0 |
| Tin | ppm | 0 | 0 | 0 | 0 |
| Aluminum | ppm | <1 | <1 | <1 | <1 |
| Chromium | ppm | 0 | <1 | 0 | 0 |
| Molybdenum | ppm | 0 | 0 | 0 | <1 |
| Nickel | ppm | 0 | <1 | 0 | 0 |
| Titanium | ppm | 0 | 0 | 0 | 0 |
| Silver | ppm | 0 | 0 | 0 | 0 |
| Manganese | ppm | 0 | <1 | <1 | <1 |
| Vanadium | ppm | 0 | 0 | 0 | 0 |



ADDITIVES

| | | | | | |
|------------|-----|--------------|-----|-----|-----|
| Calcium | ppm | 75 | 73 | 88 | 91 |
| Magnesium | ppm | 2 | 1 | 1 | 1 |
| Zinc | ppm | 6 | 5 | 8 | 12 |
| Phosphorus | ppm | 196 | 208 | 221 | 213 |
| Barium | ppm | <1 | 0 | 0 | 0 |
| Boron | ppm | 91 | 87 | 86 | 89 |

Diagnosis

Confirmez la source du lubrifiant utilisé pour l'appoint/remplissage. Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux d'usure de tous les composants sont normaux. Il n'y a aucun indice de contamination dans le fluide. Les niveaux d'additifs indiquent l'ajout d'une autre marque ou d'un autre type d'huile. L'état de le fluide est acceptable pour la durée de service.

Depot: VOLVO0230
Unique No: 5761057
Signed: Wes Davis
Report Date: 10 Apr 2024



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GRAPHS

