



VOLVO

RAPPORT D'ANALYSE D'HUILE

USURE

ANORMAL

CONTAMINATION

NORMAL

ÉTAT DU FLUIDE

NORMAL

Secteur

[394301]

Identité de la machine

VOLVO L90G 617560

Composant

Moteur diesel

Fluid

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3 (--- GAL)



RECOMMANDATION

Nous avons pris note que la vidange d'huile a été effectuée au moment de l'échantillonnage. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|---------------------|-----|-------------|-----------|--------------------|-------------|-------------|
| Numéro d'échant. | | Client Info | | VCP353036 | VCP394784 | VCP391703 |
| Date d'échant. | | Client Info | | 16 Feb 2024 | 05 Oct 2023 | 12 Jun 2023 |
| Âge d la Machine | hrs | Client Info | | 11518 | 10833 | 10280 |
| Âge de l'huile | hrs | Client Info | | 500 | 0 | 0 |
| Âge du filtre | hrs | Client Info | | 0 | 0 | 0 |
| Huile changée | | Client Info | | Changed | Not Changd | Not Changd |
| Filtre changé | | Client Info | | N/A | Not Changd | Changed |
| Statut de l'échant. | | | | ABNORMAL | NORMAL | ABNORMAL |

USURE

Usure de piston.

| | | | | | | |
|-------------|--------|---------------|------|--------------|-----|-----|
| Fer | ppm | ASTM D5185(m) | >100 | 19 | 12 | 13 |
| Chrome | ppm | ASTM D5185(m) | >10 | <1 | <1 | <1 |
| Nickel | ppm | ASTM D5185(m) | >10 | <1 | <1 | <1 |
| Titane | ppm | ASTM D5185(m) | | 0 | 0 | <1 |
| Argent | ppm | ASTM D5185(m) | >2 | 0 | <1 | 0 |
| Aluminium | ppm | ASTM D5185(m) | >10 | ▲ 13 | 9 | 10 |
| Plomb | ppm | ASTM D5185(m) | >20 | <1 | <1 | 0 |
| Cuivre | ppm | ASTM D5185(m) | >15 | 1 | <1 | <1 |
| Étain | ppm | ASTM D5185(m) | >10 | <1 | 0 | <1 |
| Vanadium | ppm | ASTM D5185(m) | | 0 | 0 | 0 |
| Métal blanc | scalar | Visual* | NONE | NONE | --- | --- |
| Bronze | scalar | Visual* | NONE | NONE | --- | --- |

CONTAMINATION

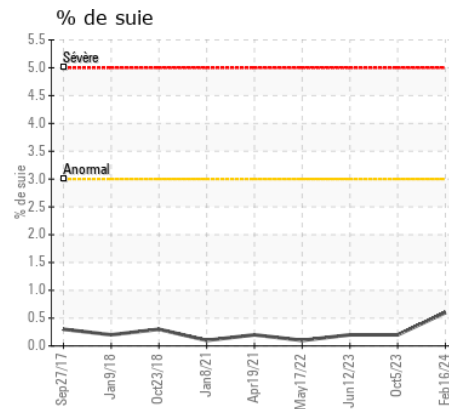
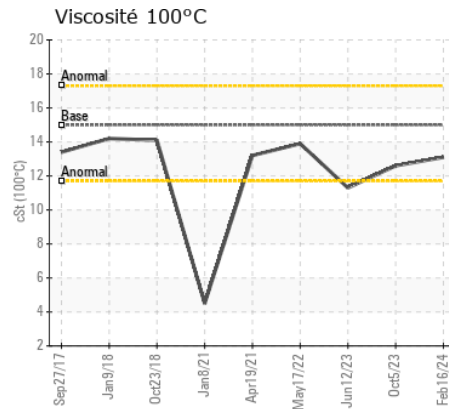
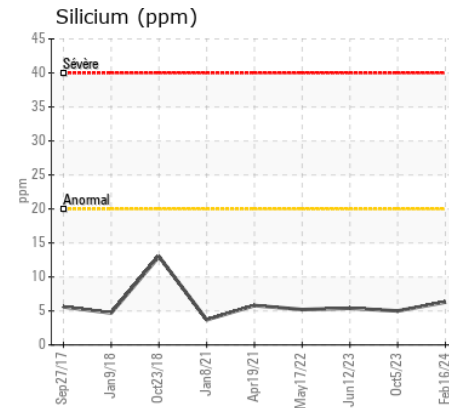
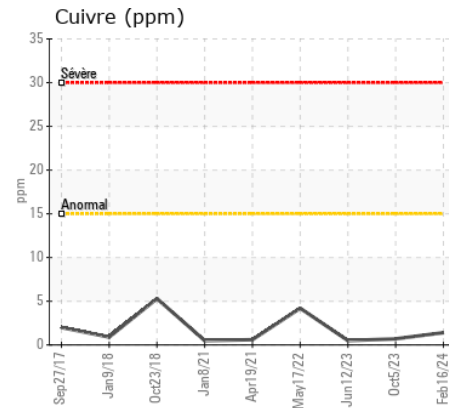
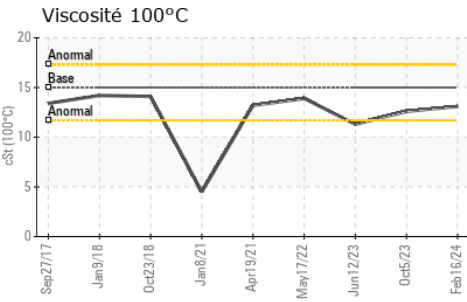
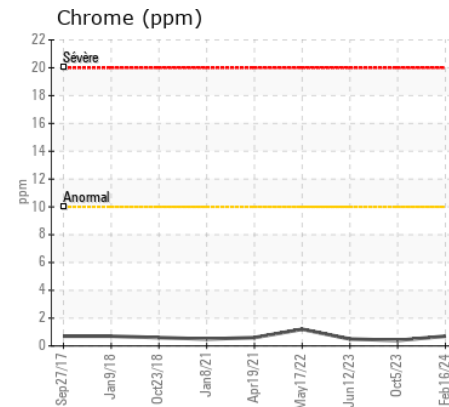
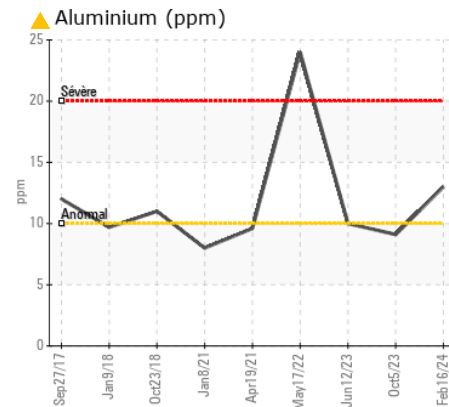
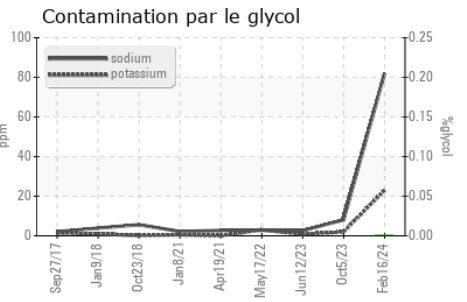
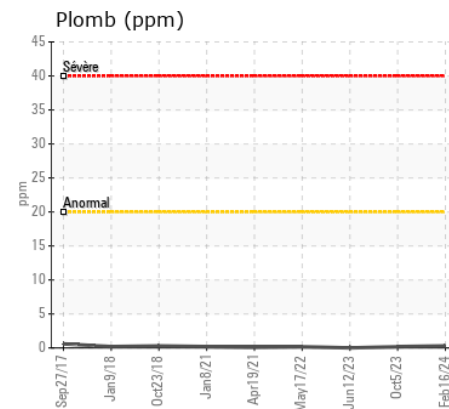
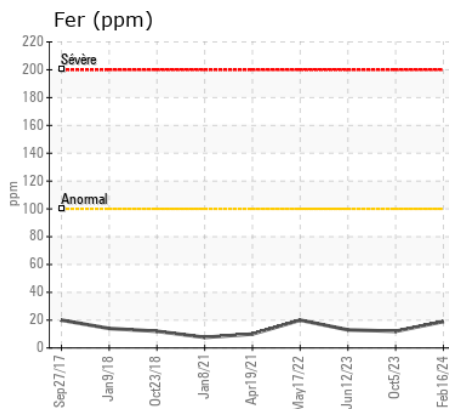
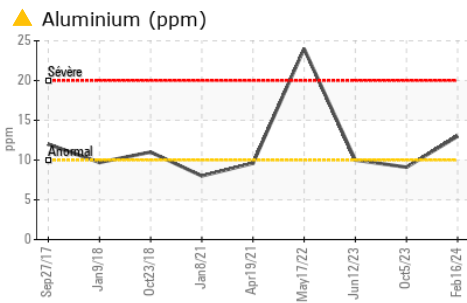
Il n'y a aucun indice de contamination dans l'huile.

| | | | | | | |
|----------------|----------|---------------|-------|----------------|-------|-------|
| Silicium | ppm | ASTM D5185(m) | >20 | 6 | 5 | 5 |
| Potassium | ppm | ASTM D5185(m) | >20 | 23 | 2 | <1 |
| Essence | | WC Method | >6.0 | <1.0 | <1.0 | 1 |
| L'eau | | WC Method | >0.1 | NEG | NEG | NEG |
| Glycol | % | ASTM D7922* | | 0.0 | NEG | NEG |
| % de suie | % | ASTM D7844* | >3 | 0.6 | 0.2 | 0.2 |
| Nitration | Abs/cm | ASTM D7624* | >20 | 7.9 | 6.7 | 6.7 |
| Sulfatation | Abs/.1mm | ASTM D7415* | >30 | 22.7 | 22.1 | 22.0 |
| Limon | scalar | Visual* | NONE | NONE | --- | --- |
| Débris | scalar | Visual* | NONE | NONE | --- | --- |
| Saleté | scalar | Visual* | NONE | NONE | --- | --- |
| Apparence | scalar | Visual* | NORML | NORML | --- | --- |
| Odeur | scalar | Visual* | NORML | NORML | NORML | NORML |
| Eau émulsifiée | scalar | Visual* | >0.1 | NEG | NEG | NEG |

ÉTAT DU FLUIDE

l'huile n'est plus en état de service en raison d'une usure anormale et/ou sévère.

| | | | | | | |
|------------|----------|---------------|------|-------------|------|--------|
| Sodium | ppm | ASTM D5185(m) | | 82 | 8 | 3 |
| Bore | ppm | ASTM D5185(m) | 2.5 | 26 | 30 | 36 |
| Baryum | ppm | ASTM D5185(m) | 0.0 | 0 | <1 | 0 |
| Molybdène | ppm | ASTM D5185(m) | 0.7 | 41 | 40 | 38 |
| Manganèse | ppm | ASTM D5185(m) | 0.0 | 0 | 0 | <1 |
| Magnésium | ppm | ASTM D5185(m) | 256 | 505 | 503 | 484 |
| Calcium | ppm | ASTM D5185(m) | 2057 | 1682 | 1771 | 1763 |
| Phosphore | ppm | ASTM D5185(m) | 935 | 951 | 953 | 960 |
| Zinc | ppm | ASTM D5185(m) | 1223 | 1093 | 1160 | 1066 |
| Soufre | ppm | ASTM D5185(m) | 4079 | 2536 | 2483 | 2415 |
| Oxydation | Abs/.1mm | ASTM D7414* | >25 | 21.5 | 19.3 | 19.7 |
| Visc 100°C | cSt | ASTM D7279(m) | 15.0 | 13.1 | 12.6 | ▲ 11.3 |



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : VCP353036
N° de laboratoire : 02616854
Numéro unique : 5733964
Analyse : MOB 1 (Additional Tests: Glycol, Visual)

Reçu : 21 Feb 2024
Tested : 22 Feb 2024
Diagnostiqué : 22 Feb 2024 - Kevin Marson

STRONGCO EQUIPMENT
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 F: (819)840-0829

Pour discuter ce rapport, contacter le service à la clientèle au 1-800-268-2131.
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.
 La validez de los resultados y la interpretación se basan en la muestra y la información proporcionada.