



CONSTRUCTION EQUIPMENT

170699 VOLVO EC140DL 210424 - BOGIE/CENTER RIGHT FINAL DRIVE



Sample No: VCP209115
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 170699



SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-----|-----|
| Sample Number | VCP209115 | VCP191226 | --- | --- |
| Sample Date | 27 Sep 2018 | 12 Jan 2018 | --- | --- |
| Machine Hours | 2500 | 2036 | --- | --- |
| Oil Hours | 0 | 0 | --- | --- |
| Oil Changed | Not Chngd | Changed | --- | --- |
| Sample Status | NORMAL | ABNORMAL | --- | --- |

STRONGCO EQUIPMENT

5200 BOUL ST JOSEPH
TROIS RIVIERE, QC
CA G8Z 4L8
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OIL CONDITION

| | | | | | |
|-------------|-----|------------|-----|-----|-----|
| Visc @ 40°C | cSt | 131 | 143 | --- | --- |
|-------------|-----|------------|-----|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|------------|------|-----|-----|
| Silicon | ppm | 280 | 1093 | --- | --- |
| Sodium | ppm | 24 | 93 | --- | --- |
| Potassium | ppm | 36 | 142 | --- | --- |



WEAR METALS

| | | | | | |
|------------|-----|--------------|------|-----|-----|
| PQ | | 64 | 119 | --- | --- |
| Iron | ppm | 1301 | 3062 | --- | --- |
| Copper | ppm | 3 | 10 | --- | --- |
| Lead | ppm | <1 | 1 | --- | --- |
| Tin | ppm | 0 | 0 | --- | --- |
| Aluminum | ppm | 70 | 286 | --- | --- |
| Chromium | ppm | 14 | 42 | --- | --- |
| Molybdenum | ppm | <1 | 3 | --- | --- |
| Nickel | ppm | 3 | 11 | --- | --- |
| Titanium | ppm | 4 | 18 | --- | --- |
| Silver | ppm | 0 | 2 | --- | --- |
| Manganese | ppm | 11 | 34 | --- | --- |
| Vanadium | ppm | <1 | <1 | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|--------------|-----|-----|-----|
| Calcium | ppm | 44 | 146 | --- | --- |
| Magnesium | ppm | 11 | 46 | --- | --- |
| Zinc | ppm | 16 | 38 | --- | --- |
| Phosphorus | ppm | 971 | 861 | --- | --- |
| Barium | ppm | <1 | <1 | --- | --- |
| Boron | ppm | 142 | 163 | --- | --- |

Diagnosis

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 l'huile. L'état de l'huile est acceptable pour la durée de service.

Depot: STR520TRO
Unique No: 4769143
Signed: Kevin Marson
Report Date: 22 Oct 2018



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GRAPHS

