



CONSTRUCTION EQUIPMENT

KOMATSU WA500-8 WP7225 - FRONT LEFT FINAL DRIVE



Sample No: VCP443404
Oil Type: KOMATSU 80W
Job No:



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP443404 | --- | --- | --- |
| Sample Date | 04 Jun 2024 | --- | --- | --- |
| Machine Hours | 9426 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | Not Chngd | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |

LEGACY MATERIALS
 5740 UTE CT
 VAN METER, IA
 US 50038
 Contact: ALEX
 qc@legacymaterials.org
 T: (641)840-1326
 F:



OIL CONDITION

| | | | | | |
|-------------|-----|--------|-----|-----|-----|
| Visc @ 40°C | cSt | █ 52.9 | --- | --- | --- |
|-------------|-----|--------|-----|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|------|-----|-----|-----|
| Water | % | NEG | --- | --- | --- |
| Silicon | ppm | █ 10 | --- | --- | --- |
| Sodium | ppm | █ 0 | --- | --- | --- |
| Potassium | ppm | █ 2 | --- | --- | --- |

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

| | | | | | |
|------------|-----|------|-----|-----|-----|
| Iron | ppm | █ 81 | --- | --- | --- |
| Copper | ppm | █ 4 | --- | --- | --- |
| Lead | ppm | █ <1 | --- | --- | --- |
| Tin | ppm | █ <1 | --- | --- | --- |
| Aluminum | ppm | █ 2 | --- | --- | --- |
| Chromium | ppm | █ <1 | --- | --- | --- |
| Molybdenum | ppm | 1 | --- | --- | --- |
| Nickel | ppm | █ 0 | --- | --- | --- |
| Titanium | ppm | <1 | --- | --- | --- |
| Silver | ppm | 0 | --- | --- | --- |
| Manganese | ppm | <1 | --- | --- | --- |
| Vanadium | ppm | 0 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|------|-----|-----|-----|
| Calcium | ppm | 3300 | --- | --- | --- |
| Magnesium | ppm | 13 | --- | --- | --- |
| Zinc | ppm | 1393 | --- | --- | --- |
| Phosphorus | ppm | 1060 | --- | --- | --- |
| Barium | ppm | 0 | --- | --- | --- |
| Boron | ppm | 116 | --- | --- | --- |

Depot: LEGVAN
Unique No: 11075559
Signed: Don Baldrige
Report Date: 14 Jun 2024



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VOLVO GRAPHS

