

Sample No:

Oil Type:

SAMPLE INFORMATION

Sample Number	VCP253817	VCP269330	VCP256315	VCP246202
Sample Date	16 Apr 2020	15 Jan 2020	23 Sep 2019	24 Jun 2019
Machine Hours	4071	3535	3001	2567
Oil Hours	500	500	500	500
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	ABNORMAL	SEVERE	ABNORMAL	SEVERE

Contact:

T:
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OIL CONDITION

Visc @ 40°C	cSt	▲ 96.6	▲ 148	172	■ 215
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Diagnosis

CONTAMINATION

Silicon	ppm	▲ 218	■ 630	▲ 140	■ 358
Sodium	ppm	■ 3	■ 10	■ 3	■ 3
Potassium	ppm	■ 13	■ 24	■ 4	■ 5

WEAR METALS

Iron	ppm	■ 213	■ 370	■ 370	▲ 862
Copper	ppm	■ <1	■ <1	■ <1	■ 2
Lead	ppm	■ <1	■ 0	■ 0	■ 1
Tin	ppm	■ 0	■ 0	■ <1	■ 0
Aluminum	ppm	▲ 51	▲ 142	▲ 24	▲ 60
Chromium	ppm	■ 2	■ 5	■ 5	▲ 12
Molybdenum	ppm	■ 26	■ 17	■ 16	■ 9
Nickel	ppm	<1	<1	0	1
Titanium	ppm	4	10	3	7
Silver	ppm	0	0	0	0
Manganese	ppm	■ 2	■ 4	■ 2	■ 6
Vanadium	ppm	0	0	0	0

ADDITIVES

Calcium	ppm	■ 1186	■ 890	■ 662	■ 344
Magnesium	ppm	■ 186	■ 248	■ 217	107
Zinc	ppm	■ 434	■ 447	■ 408	■ 240
Phosphorus	ppm	■ 751	■ 780	■ 780	■ 757
Barium	ppm	■ 0	■ <1	■ 0	■ 0
Boron	ppm	■ 92	■ 93	■ 103	■ 98

Depot:
Unique No:
Signed:
Report Date:

GRAPHS

