

Sample No:

Oil Type:

SAMPLE INFORMATION

Sample Number	VCP292246	VCP279630	VCP190195	VCP263190
Sample Date	03 Nov 2020	13 Jul 2020	14 Apr 2020	13 Jan 2020
Machine Hours	6644	6165	5652	5120
Oil Hours	500	500	500	500
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	ABNORMAL	ABNORMAL	SEVERE	ABNORMAL

Contact:

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OIL CONDITION

Visc @ 40°C	cSt	173	179	▲ 97.8	154
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Diagnosis

CONTAMINATION

Water	%	---	---	---	▲ 0.266
Silicon	ppm	▲ 159	▲ 224	● 457	▲ 280
Sodium	ppm	■ 1	■ 2	■ 3	■ 3
Potassium	ppm	■ 4	■ 0	■ 18	■ 10

WEAR METALS

Iron	ppm	▲ 520	▲ 612	▲ 748	■ 296
Copper	ppm	■ 1	■ 1	■ 1	■ <1
Lead	ppm	■ <1	■ <1	■ <1	■ <1
Tin	ppm	■ <1	■ 0	■ 0	■ 0
Aluminum	ppm	▲ 20	▲ 24	▲ 67	▲ 58
Chromium	ppm	■ 4	■ 5	■ 8	■ 3
Molybdenum	ppm	■ 16	■ 9	■ 24	■ 17
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	3	3	6	5
Silver	ppm	<1	0	0	0
Manganese	ppm	■ 3	■ 3	■ 4	■ 2
Vanadium	ppm	<1	0	0	0

ADDITIVES

Calcium	ppm	■ 486	■ 381	■ 1137	■ 774
Magnesium	ppm	118	■ 92	■ 196	■ 236
Zinc	ppm	■ 262	■ 213	■ 444	■ 444
Phosphorus	ppm	■ 883	■ 775	■ 756	■ 830
Barium	ppm	■ 0	■ 0	■ 0	■ 0
Boron	ppm	■ 167	■ 100	■ 98	■ 102

Depot:

Unique No:

Signed:

Report Date:

GRAPHS

