

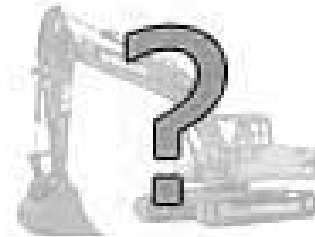


CONSTRUCTION EQUIPMENT

PUMP 2 - PUMP



Sample No: VCP386779
Oil Type: PETRO CANADA SYNDURO SHB ISO 220
Job No:



SAMPLE INFORMATION

Sample Number	VCP386779	VCP386773	VCP326072	VCP386778
Sample Date	07 Jan 2024	13 Dec 2023	22 Nov 2023	22 Sep 2023
Machine Hours	0	0	0	0
Oil Hours	0	0	0	0
Oil Changed	Changed	N/A	N/A	N/A
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	151	150	147	149
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	4	6	3
Sodium	ppm	0	0	0	0
Potassium	ppm	2	<1	2	0

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	6	4	9	6
Copper	ppm	<1	<1	1	0
Lead	ppm	<1	0	0	0
Tin	ppm	<1	0	0	<1
Aluminum	ppm	2	0	1	1
Chromium	ppm	<1	0	0	0
Molybdenum	ppm	<1	0	0	0
Nickel	ppm	0	0	0	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	0	0
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	3	0	1	13
Magnesium	ppm	0	0	0	0
Zinc	ppm	0	0	0	0
Phosphorus	ppm	97	104	65	99
Barium	ppm	7	0	0	0
Boron	ppm	0	6	0	0

Depot: HOLEASIN
Unique No: 10820286
Signed: Jonathan Hester
Report Date: 10 Jan 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

