



CONSTRUCTION EQUIPMENT

8000257555 CATERPILLAR 980H JJMS06490 - TRANSMISSION (MANUAL)



Sample No: VCP273974
Oil Type: TDTO FLUID SAE 30
Job No: 8000257555



SAMPLE INFORMATION

Sample Number	VCP273974	VCP274417	VCP251262	VCP250016
Sample Date	20 Sep 2020	06 Aug 2020	05 Oct 2019	28 Aug 2019
Machine Hours	15043	14683	12935	12613
Oil Hours	0	0	0	347
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

STRONGCO EQUIPMENT INC.
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OIL CONDITION

Visc @ 40°C	cSt	91.7	91.3	91.1	90.5
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CONTAMINATION

Silicon	ppm	4	4	4	4
Sodium	ppm	2	<1	2	1
Potassium	ppm	<1	1	<1	<1



WEAR METALS

Iron	ppm	21	10	6	4
Copper	ppm	9	7	4	3
Lead	ppm	<1	<1	0	<1
Tin	ppm	0	<1	0	0
Aluminum	ppm	<1	<1	1	1
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	<1	<1	<1	0
Nickel	ppm	<1	0	0	0
Titanium	ppm	<1	0	<1	<1
Silver	ppm	<1	0	<1	<1
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3152	3097	3153	3213
Magnesium	ppm	13	14	9	9
Zinc	ppm	1255	1266	1262	1270
Phosphorus	ppm	1095	1096	1050	1090
Barium	ppm	<1	0	<1	<1
Boron	ppm	2	1	2	2

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) TDTO FLUID SAE 30. Please confirm. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: SHEDAR
Unique No: 5109503
Signed: Wes Davis
Report Date: 25 Sep 2020



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

