

OIL ANALYSIS REPORT





Machine Id CATERPILLAR D8R DOZER 6438 (S/N 8MN00572) Rear Left Final Drive **LUBSOIL TO-4 50 (5 G**

Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

There is no indication of any contamination in the

Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

GAL)				Sep 2019		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		TO1005795		
Sample Date		Client Info		20 Sep 2019		
Machine Age	hrs	Client Info		20415		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
CONTAMINATION	V	method	limit/base	current	history1	history2
Water		WC Method	>0.2	NEG		
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184		155		
Iron	ppm	ASTM D5185m	>500	397		
Chromium	ppm	ASTM D5185m	>10	4		
Nickel	ppm	ASTM D5185m		<1		
Titanium	ppm	ASTM D5185m		2		
Silver	ppm	ASTM D5185m		<1		
Aluminum	ppm	ASTM D5185m	>25	8		
Lead	ppm	ASTM D5185m	>25	0		
Copper	ppm	ASTM D5185m	>50	15		
Tin	ppm	ASTM D5185m	>10	0		
Antimony	ppm	ASTM D5185m		1		
Vanadium	ppm	ASTM D5185m		1		
Cadmium	ppm	ASTM D5185m		<1		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		3		
Barium	ppm	ASTM D5185m		9		
Molybdenum	ppm	ASTM D5185m		1		
Manganese	ppm	ASTM D5185m		5		
Magnesium	ppm	ASTM D5185m		13		
Calcium	ppm	ASTM D5185m		3473		
Phosphorus	ppm	ASTM D5185m		847		
Zinc	ppm	ASTM D5185m		936		
Sulfur	ppm	ASTM D5185m		3444		
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>75	62		
Sodium	ppm	ASTM D5185m		2		
Potassium	ppm	ASTM D5185m	>20	19		
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.760		



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Certificate 12367

Laboratory Sample No.

: TO1005795 Lab Number : 04815519

Unique Number: 8765391

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received

: 04 Oct 2019 **Tested** : 07 Oct 2019 : 07 Oct 2019 - Don Baldridge Diagnosed

ANCHOR STONE TULSA ROCK TULSA ROCK QUARRY, 66TH ST N 145TH AVENUE TULSA, OK US 74137

Test Package: MOB 2 (Additional Tests: KV100, PQ, VI) To discuss this sample report, contact Customer Service at 1-800-237-1369.

Contact: MIKE SNYDER msnyder@anchorstoneco.com T: (417)850-9635

 st - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)