

ASSET SUMMARY

MAKE: Caterpillar	MODEL: D10R
NEWCREST ASSET NUMBER:	DZ01
SERIAL NUMBER:	AKT00311
DATE of HANDOVER	ТВА
HOUR METER at HANDOVER:	59,005
DATE INSPECTED	10.06.2019

GENERAL DESCRIPTION

Description	Photo Reference
Overall the dozer has been maintained and presented in a fair condition	Pictures 1-4
Structurally the dozer is in fair condition with rusted catwalk and damaged mudguard, damaged draft arm, stabilizer, belly guards and crack in chassis under cab.	Picture 5-9, 18-21
Mechanically the dozer is in fair condition with oil leaks	Pictures 10-17, 22
The left side undercarriage is in good condition but the right side is overdue on hours. The track links are in good condition.	
Components are in fair condition with the radiator and right-side track frame overdue on life	

MATERIAL EQUIPMENT DEFECT

Material Equipment Defect means any damage or fault in the engines or frames identified in Section 7 of Schedule 11 (Equipment Reconciliation) of the Contract that is beyond reasonable economic repair such that the repair cost will exceed the replacement cost of an equivalent component.

Material Equipment Defect	Photo Ref	Repair Cost	Replace Cost	
NIL	N/A	N/A	N/A	

HANDOVER INSPECTION

Defect observed	Photo Ref	Material Equipment Defect (Yes/No)	Defect (Yes/No)
Mudguard left side damaged	5-6	No	No
Chassis crack right side under cab requires dozer to be	7-8	No	Yes
stood down and crack repaired			
Catwalk left side rusted requires dozer to be stood down	9	No	Yes
and catwalk replaced			



Defect observed	Photo Ref	Material Equipment Defect (Yes/No)	Defect (Yes/No)
Control valve leaks requires dozer to be stood down and	10	No	Yes
valve replaced			
Main pump leaks require dozer to be stood down and pump replaced	11	No	Yes
Equalizer bar leaking and centre pin & bush movement	12	No	Yes
requires dozer to be stood down and equalizer bar			
resealed and centre pin & bush and bearings replaced			
Cannons leaking both sides requires dozer to be stood	13-14	No	Yes
down and cannons seals replaced			
Draft arm left side damaged	15	No	Yes
Track frame right side damaged	16	No	Yes
Stabilizer bar trunnion worn requires dozer to be stood	worn requires dozer to be stood 17		Yes
down and trunnion replaced			
Stabilizer bar bent	18	No	No
Engine grill damaged	19	No	No
Belly guards damaged	20	No	No
Cabin pillar crack repaired	21	No	No
Bogie pad left side deteriorating requires dozer to be	22	No	Yes
stood down and bogie pads replaced			
Oil samples show prior B samples hydraulic system, Rear		No	Yes
left final drive and transmission engine			
Engine oil analysis showed pervious fuel dilution and elevated aluminum and silicon indicating possible dirt entry		No	Yes

TABLE 30 DATA

COMPONENTS

Job Title (Major Component)	Unit Cost	Target Life	Initial Actual Elapsed Component Life
1000.00.CC.0 ENGINE	\$155,650	15,400	11,064
1353.00.CC.0 RADIATOR	\$7,725	15,400	16,942
3030.00.CC.0 TRANSMISSION	\$53,000	15,400	1,888
4050.LT.CC.0 FINAL DRIVE	\$54,416	15,400	13,121
4050.RI.CC.0 FINAL DRIVE	\$54,416	15,400	13,121
4150.LT.CC.0 UNDERCARRIAGE	\$68,404	15,400	4,543
4150.RI.CC.0 UNDERCARRIAGE	\$68,404	15,400	13,648
4151.LT.CC.0 TRACK ROLLER FRAME	\$29,796	15,400	1,888
4151.RI.CC.0 TRACK ROLLER FRAME	\$29,796	15,400	17,215
4169.LT.RI.0 TRACK LINK ASSEMBLY (S&L)	\$21,800	15,400	1,312
4169.RI.RI.0 TRACK LINK ASSEMBLY (S&L)	\$21,800	15,400	1,312
6060.00.CC.0 BULLDOZER BLADE	\$50,091	15,000	9,989



UNDERCARRIAGE

The left side undercarriage is in good condition but the right side is overdue on hours. The track links are in good condition.

BLADE

Blade is in good condition.

SUPPORTING DATA

PICTURES



Picture 1



Picture 3



Picture 5



Picture 2



Picture 4



Picture 6



Picture 7



Picture 9



Picture 11



Picture 13



Picture 8



Picture 10



Picture 12



Picture 14





Picture 15



Picture 17



Picture 19



Picture 21



Picture 16



Picture 18



Picture 20



Picture 22

OIL SAMPLES



OIL SAMPLES

		S1		S2		S3		S4	
			Sample		Sample		Sample		Sample
Asset ID	Compartment	EvalCode	Date	EvalCode	Date	EvalCode	Date	EvalCode	Date
DZ01/QDZ01	COOLING SYSTEM	Α	17/01/2016	С	10/12/2015	Α	9/11/2015	Α	5/02/2016
DZ01/QDZ01	ENGINE	A	5/02/2016	Α	17/01/2016	х	30/12/2015	Α	10/12/2015
DZ01/QDZ01	HYDRAULIC SYSTEM	В	17/01/2016	В	10/12/2015	В	9/11/2015	В	17/01/2016
DZ01/QDZ01	REAR LEFT FINAL DRIVE	В	17/01/2016	В	10/12/2015	В	9/11/2015	Α	17/01/2016
DZ01/QDZ01	REAR RIGHT FINAL DRIVE	Α	17/01/2016	В	10/12/2015	Α	9/11/2015	В	17/01/2016
DZ01/QDZ01	TRANSMISSION POWER SHIFT	В	17/01/2016	В	10/12/2015	В	9/11/2015	Α	30/12/2015

Please Note:

A closer inspection of this tractor will be completed Wednesday 11.06.2019.

More information to follow.

Simon Ross

Minespec Parts

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