

Service/Repair History

Machine **Dozer**
 Make: **Caterpillar**
 SN: **6GN02614**
 Model: **DSM**
 Year **2002**

Hours	Date Complete	Notes
3672	22/11/2007	2000hr service
3760	7/02/2008	Replaced Engine coolant
3905	25/02/2008	250hr service
4139	28/04/2008	500hr service, replaced final drive oils
4224	25/05/2008	Replaced blade bearings
4276	8/07/2008	Fit new batteries, changed transmission oil, replaced bottom hose & thermostat
4396	1/12/2008	250hr service
4654	27/04/2009	1000hr service
4906	26/06/2009	250hr service
4948	27/07/2009	Replaced trans temp sensor
4950	10/08/2009	Changed final drive oils, replaced aircon fan motor
5120	14/01/2010	500hr service, replaced transmission oil, replaced hyd line
5126	2/02/2010	Replaced A/C motor
5376	3/05/2010	250hr service
5561	13/07/2010	Repaired door locks
5637	24/07/2010	2000hr service
5894	18/01/2011	250hr service
6153	6/04/2011	500hr service, trans oil change, all new undercarriage fitted
6252	22/07/2011	Resealed lift and angle cyclinders
6404	23/02/2012	250hr service
6590	21/02/2013	Replaced blown hose
6642	18/04/2013	1000hr service
6761	31/07/2013	Replaced blade pivot bearing, changed final drive oils
6885	2/03/2014	250hr service, replaced alternator
6948	10/06/2014	Replaced blade hyd hose
7140	20/12/2014	500hr service, trans oil change, fitted water pump
7393	19/05/2015	250hr service
7418	17/06/2015	Swapped cutting edges, replaced trans uni joints
7570	14/01/2016	Repairs to blade angle cylinder
7662	3/03/2016	2000hr service
7911	29/05/2017	250hr service
7970	12/09/2017	Replaced transmission hose
8150	27/02/2018	1000hr service
8388	8/10/2018	250hr service, new blade frame pins and bushes
8471	9/01/2019	Fitted new battery
8639	8/03/2019	500hr service
8684	18/03/2019	Replaced cutting edges
8867	4/07/2019	250hr service, replaced front crank shaft seal, resealed rhs blade cylinder, replaced fuel priming pump
9097	20/01/2020	1000hr service
9290	1/09/2020	Replaced transmission seal
9353	16/11/2020	250hr service
9598	24/02/2021	500hr service
9858	3/06/2021	250hr service, new injectors fitted
9875	16/06/2021	New alternator fitted
10098	20/10/2021	1000hr service



Custom Track Service Projected Life

Prepared By: Jason Morte

Model	D5MXL	Job Site	--		Inspection Date	28 Jul 23
Manufacturer	Caterpillar		Left	Right	Next Inspection Date	--
Serial Number	CGN02614	Track Sag (25 mm - 46 mm)	--	--	Next Inspection Hours	--
Reference Number	--	Frame Ext (max 91 mm)	76 mm	75 mm	<u>Underfoot Conditions</u>	
Hour Meter Reading	11,054	Frame Ext %	83%	82%	Impact	Moderate
Hours Per Week	--	Dry Joints	--	--	Abrasion	Moderate
Total Odometer Reading	--	Track Shoe Width	560 mm	560 mm	Moisture	Moderate
Forward Odometer	--	Link Roller System	47%	44%	Packing	Moderate
Reverse Odometer	--				Bushing Allowable Wear	Greater
Distance Per Week	--				Link Allowable Wear	Greater

GROUP	RECOMMENDATION	% WORN	PROJECTED SMU AT 100%	PROJECTED SMU AT 120%	PROJECTED DATE AT 100%	PROJECTED DATE AT 120%
TRACK LINK	Good	44% <small>(27.3 mm)</small>	43% <small>(27.3 mm)</small>	--	--	--
BUSHING (EXT)	Good	48% <small>(3.2 mm)</small>	42% <small>(3.6 mm)</small>	--	--	--
TRACK SHOE	Good	47% <small>(45.6 mm)</small>	45% <small>(47.1 mm)</small>	--	--	--
FRONT IDLER	Good	41% <small>(24 mm)</small>	22% <small>(22 mm)</small>	--	--	--
REAR IDLER	Good	31% <small>(23 mm)</small>	31% <small>(23 mm)</small>	--	--	--
CARRIER ROLLER	Good	16% <small>(154 mm)</small>	20% <small>(153 mm)</small>	--	--	--
FRONT TRACK ROLLER	Monitor	50% <small>(29.8 mm)</small>	45% <small>(30.8 mm)</small>	--	--	--
2	CONDITION: Guarded	--	--	--	--	--
3	CONDITION: Guarded	--	--	--	--	--
4	CONDITION: Guarded	--	--	--	--	--
5	CONDITION: Guarded	--	--	--	--	--
6	CONDITION: Guarded	--	--	--	--	--
7	CONDITION: Guarded	--	--	--	--	--
SPROCKET	Monitor	58% <small>(180 mm)</small>	60% <small>(179 mm)</small>	--	--	--

General Recommendations

SEBP2498-09
December 2001

CATERPILLAR

Parts Manual



See "General Information"
for New Parts Manual
Features.

D5M & D5M, LGP Track-Type Tractors

1CR1-Up (Machine)
1GN1-Up (Machine) *ECN02614*
1RF23390-Up (Engine)
1EY1-99999 (Transmission)
1SB1-Up (Transmission)
1FP1-Up (Bulldozer)
1GP1-Up (Bulldozer)
1HP1-Up (Ripper)

Powered By 3116 Engine



Service Manual

General Service and Repair Safety Information

All Caterpillar Machines

ENGINE

POWER TRAIN

SYSTEMS

ELECTRICAL SYS. &
OPERATOR'S STATION

LUBRICATION &
MAINTENANCE