



Serial#: 7PZ01388

Make : CATERPILLAR

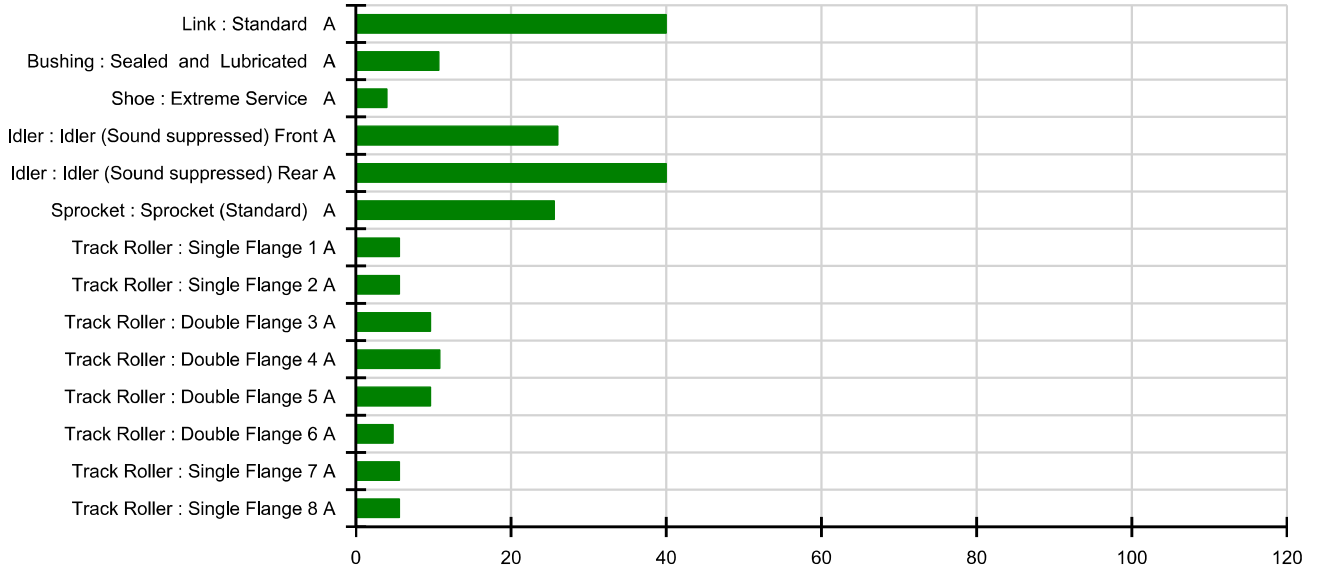
Model : D11R

Unit#: DZ1260

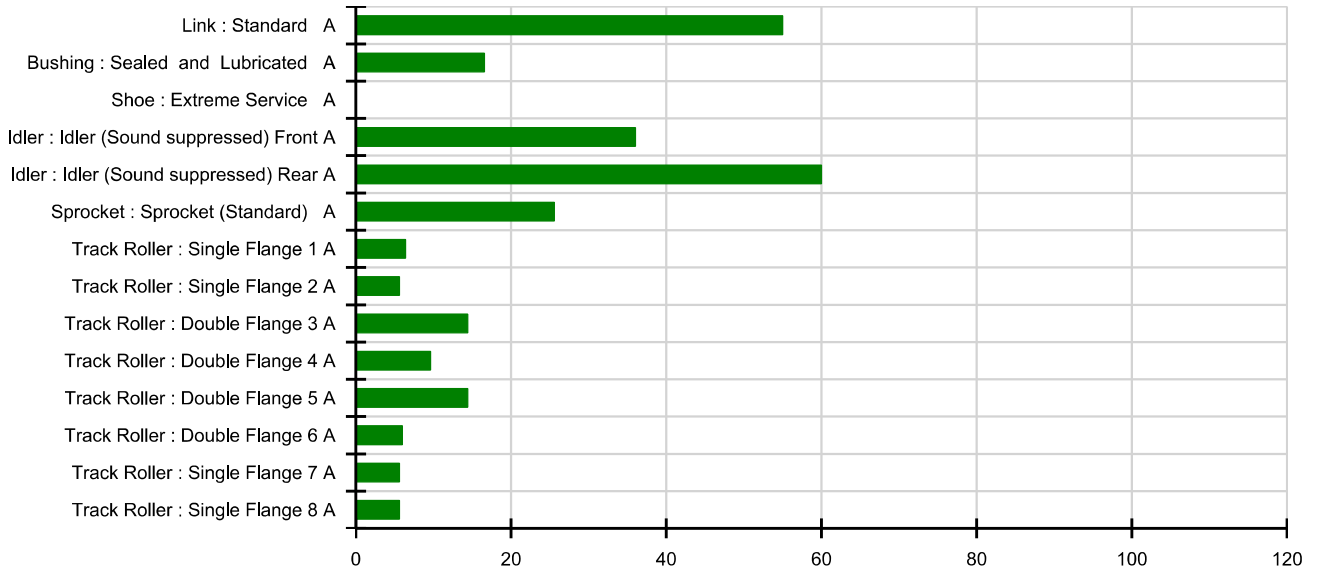
SMU : 55429

Inspection Date : 09 Feb 2023

Wear Percentage Graph (left)



Wear Percentage Graph (right)



Worn Percentage



No Action Required



Monitor Only



Immediate Action Required



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Readings and Calculations

Component	Left Side										Residual hours	
	Position	Serial Number	SMU Install	Date Install	Hours on Surface	Measure (mm)	Tool	UT Equiv (mm)	Worn%	Eval	100%	120%
Link : Standard	1	13534/01 - 10097	0	01-Jul-2019	55429	193.00	Depth Gauge	51.81	39.99	✓	83147	110862
Bushing : Sealed and Lubricated	1	13534/01 - 10097	0	01-Jul-2019	55429	19.90	UT	19.88	10.69	✓	0	0
Shoe : Extreme Service	1	13534/01 - 10097	0	01-Jul-2019	55429	99.00	Depth Gauge	123.19	3.99	✓	0	0
Idler : Idler (Sound suppressed)	Front	7774L	0	01-Jul-2019	55429	23.25	Depth Gauge		26.00	✓	0	0
Idler : Idler (Sound suppressed)	Rear	7774L	0	01-Jul-2019	55429	25.00	Depth Gauge		40.00	✓	83143	110858
Sprocket : Sprocket (Standard)	1	7774L	0	01-Jul-2019	55429	349.00	Ruler		25.56	✓	0	0
Track Roller : Single Flange	1	7774L	0	01-Jul-2019	55429	19.00	Depth Gauge	70.10	5.60	✓	0	0
Track Roller : Single Flange	2	7774L	0	01-Jul-2019	55429	19.00	Depth Gauge	70.10	5.60	✓	0	0
Track Roller : Double Flange	3	7774L	0	01-Jul-2019	55429	24.00	Depth Gauge	65.04	9.60	✓	0	0
Track Roller : Double Flange	4	7774L	0	01-Jul-2019	55429	24.25	Depth Gauge	64.79	10.80	✓	0	0
Track Roller : Double Flange	5	7774L	0	01-Jul-2019	55429	24.00	Depth Gauge	65.04	9.60	✓	0	0
Track Roller : Double Flange	6	7774L	0	01-Jul-2019	55429	23.00	Depth Gauge	66.06	4.80	✓	0	0
Track Roller : Single Flange	7	7774L	0	01-Jul-2019	55429	19.00	Depth Gauge	70.10	5.60	✓	0	0
Track Roller : Single Flange	8	7774L	0	01-Jul-2019	55429	19.00	Depth Gauge	70.10	5.60	✓	0	0

Component	RightSide										Residual hours	
	Position	Serial Number	SMU Install	Date Install	Hours on Surface	Measure (mm)	Tool	UT Equiv (mm)	Worn%	Eval	100%	120%
Link : Standard	1	13198/01 - 7776	0	01-Jul-2019	55429	191.00	Depth Gauge	49.80	55.00	✓	45346	65500
Bushing : Sealed and Lubricated	1	13198/01 - 7776	0	01-Jul-2019	55429	19.40	UT	19.40	16.56	✓	0	0
Shoe : Extreme Service	1	13198/01 - 7776	0	01-Jul-2019	55429	103.00	Depth Gauge	0.00	0.00	✓	0	0
Idler : Idler (Sound suppressed)	Front	7774R	0	01-Jul-2019	55429	24.50	Depth Gauge		36.00	✓	98540	129334
Idler : Idler (Sound suppressed)	Rear	7774R	0	01-Jul-2019	55429	27.50	Depth Gauge		60.00	✓	36953	55429
Sprocket : Sprocket (Standard)	1	7774R	0	01-Jul-2019	55429	349.00	Ruler		25.56	✓	0	0
Track Roller : Single Flange	1	7774R	0	01-Jul-2019	55429	19.25	Depth Gauge	69.85	6.40	✓	0	0
Track Roller : Single Flange	2	7774R	0	01-Jul-2019	55429	19.00	Depth Gauge	70.10	5.60	✓	0	0
Track Roller : Double Flange	3	7774R	0	01-Jul-2019	55429	25.00	Depth Gauge	64.03	14.40	✓	0	0
Track Roller : Double Flange	4	7774R	0	01-Jul-2019	55429	24.00	Depth Gauge	65.04	9.60	✓	0	0
Track Roller : Double Flange	5	7774R	0	01-Jul-2019	55429	25.00	Depth Gauge	64.03	14.40	✓	0	0
Track Roller : Double Flange	6	7774R	0	01-Jul-2019	55429	23.25	Depth Gauge	65.81	6.00	✓	0	0
Track Roller : Single Flange	7	7774R	0	01-Jul-2019	55429	19.00	Depth Gauge	70.10	5.60	✓	0	0
Track Roller : Single Flange	8	7774R	0	01-Jul-2019	55429	19.00	Depth Gauge	70.10	5.60	✓	0	0

Measuring Tool Legend



No Action Required



Monitor Only



Immediate Action Required

UT - Ultrasonic Too
 C - Callipers
 DG - Depth Gauge
 R - Ruler



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Left

Right

Track Sag

Measurement: 179.00 mm

Track is running a little loose - Inspect & adjust
Spec is 165mm +/- 10mm

Measurement: 162.00 mm

Track tension is correct



Scallop

Measurement: 2.00 mm



Measurement: 2.00 mm



CannonExt.

Measurement: 110.00 mm



Measurement: 110.00 mm



Thermal Images



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Additional Observation

RHS Track Tension Indicator
Not installed



RHS Track Frame Job#
Maskill job# 7774R



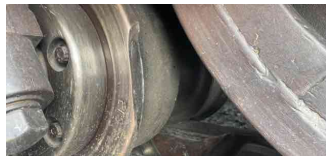
LHS Track Frame Job#
Maskill job# 7774L



LHS Track Tension Indicator
Not installed



LHS pos #8 roller outer flange is damaged
Monitor



Equalizer Bar Type
Toe-Out style EQ bar
Correct for track frames





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Component Images and Comment

Left

Right

Link - Standard

CATERPILLAR
13534/01 - 10097

Cat standard link
Cat part# 6T8049/50
Maskill job# 13534/01 / 10097
No asset# visible
Single tooth master

Link - Standard

CATERPILLAR
13198/01 - 7776

Cat standard link
Cat part# 6T8049/50
Maskill job# 13198/01 / 7776
No asset# visible
Single tooth master





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Component Images and Comment

Left

Bushing - Sealed and Lubricated

CATERPILLAR

13534/01 - 10097

Bushes have been turned

Right

Bushing - Sealed and Lubricated

CATERPILLAR

13198/01 - 7776

Bushes have been turned





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Component Images and Comment

Left

Right

Shoe - Extreme Service

CATERPILLAR

13534/01 - 10097

32" ES grousers without holes
Grousers have been relugged

Shoe - Extreme Service

CATERPILLAR

13198/01 - 7776

32" ES hole relief grousers
Shoe have ARM
Sounds suppression pads installed





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Component Images and Comment

Left

Idler - Idler (Sound suppressed)

MASKILL

7774L

Maskill brand idler
Maskill job# 7774/01

Right

Idler - Idler (Sound suppressed)

MASKILL

7774R

Maskill brand idler
Maskill job# 7774/02





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Component Images and Comment

Left

Right

Idler - Idler (Sound suppressed)

Idler - Idler (Sound suppressed)

MASKILL

MASKILL

7774L

7774R

Maskill brand idler
Maskill job# 7774/03

Maskill brand idler
Maskill job# 9034/01





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Component Images and Comment

Left

Right

Sprocket - Sprocket (Standard)

Sprocket - Sprocket (Standard)

CATERPILLAR

CATERPILLAR

7774L

7774R

Cat brand segments

Cat brand segments





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Model : D11R

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Component Images and Comment

Left

Right

Track Roller - Single Flange

Track Roller - Single Flange

MASKILL

MASKILL

7774L

7774R

Maskill brand roller

Maskill brand roller





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Unit# : DZ1260

Make : CATERPILLAR

SMU : 55429

Model : D11R

Inspection Date : 09 Feb 2023

Component Images and Comment

Left

Track Roller - Single Flange

MASKILL

7774L

Maskill brand roller

Right

Track Roller - Single Flange

MASKILL

7774R

Maskill brand roller





Serial# : 7PZ01388

Make : CATERPILLAR

Model : D11R

Unit# : DZ1260

SMU : 55429

Inspection Date : 09 Feb 2023

Component Images and Comment

Left

Right

Track Roller - Double Flange

Track Roller - Double Flange

MASKILL

MASKILL

7774L

7774R

Maskill brand roller

Maskill brand roller





Serial# : 7PZ01388

Unit# : DZ1260

Make : CATERPILLAR

SMU : 55429

Model : D11R

Inspection Date : 09 Feb 2023

Component Images and Comment

Left

Right

Track Roller - Double Flange

Track Roller - Double Flange

MASKILL

MASKILL

7774L

7774R

Maskill brand roller

Maskill brand roller





Serial# : 7PZ01388

Unit# : DZ1260

Make : CATERPILLAR

SMU : 55429

Model : D11R

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Component Images and Comment

Left

Right

Track Roller - Double Flange

Track Roller - Double Flange

MASKILL

MASKILL

7774L

7774R

Maskill brand roller

Maskill brand roller





Serial#: 7PZ01388

Unit#: DZ1260

Make : CATERPILLAR

SMU : 55429

Model : D11R

Inspection Date : 09 Feb 2023

Component Images and Comment

Left

Right

Track Roller - Double Flange

Track Roller - Double Flange

MASKILL

MASKILL

7774L

7774R

Maskill brand roller

Maskill brand roller





Serial# : 7PZ01388

Unit# : DZ1260

Make : CATERPILLAR

SMU : 55429

Model : D11R

Inspection Date : 09 Feb 2023

Component Images and Comment

Left

Right

Track Roller - Single Flange

Track Roller - Single Flange

MASKILL

MASKILL

7774L

7774R

Maskill brand roller

Maskill brand roller





Serial#: 7PZ01388

Unit#: DZ1260

Make : CATERPILLAR

SMU : 55429

Model : D11R

Inspection Date : 09 Feb 2023

Component Images and Comment

Left

Right

Track Roller - Single Flange

Track Roller - Single Flange

MASKILL

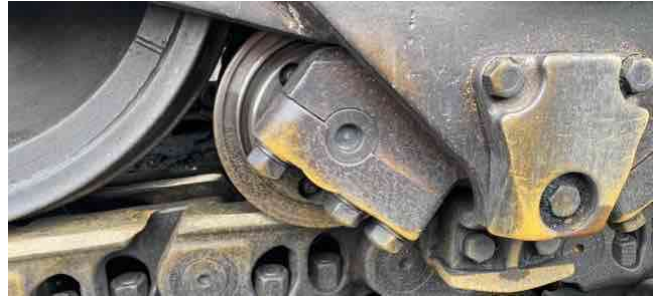
MASKILL

7774L

7774R

Maskill brand roller

Maskill brand roller





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SMU : 55429

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Recommendations

Left

Right

Component: Link: Standard
Action: Adjust Tension
Start SMU: 55429
Cost: 0.0000
Parts: 0.0000
Labour: 0.0000
Misc: 0.0000
Comment: Track is running a little loose - Inspect & adjust
Spec is 165mm +/- 10mm