

# REPLACEMENT PARTS GUIDE

## 903M Tracked Feller Buncher (PIN: 1T0903MX\_ \_ \_271505—408745)



**SECONDARY ENGINE AIR FILTER ELEMENT**  
[RE63932](#)  
 Interval (hrs) - As Required.

**HYDRAULIC OIL BREATHER FILTER**  
[F122930](#)  
 Interval (hrs) - 2000.

**HYDRAULIC OIL RETURN FILTER**  
[F061786](#)  
 Interval (hrs) - 2000.

**FUEL PREFILTER ELEMENT (IF EQUIPPED)**  
[AN278127](#)  
 Interval (hrs) - 500.

**AUXILIARY FUEL FILTER ELEMENT (IF EQUIPPED)**  
[AT387534](#)  
 Interval (hrs) - 500.

**CAB RECIRCULATION FILTER**  
[AT307501](#)  
 Interval (hrs) - As Required.

**CAB FRESH AIR FILTER**  
[AT191102](#)  
 Interval (hrs) - As Required.

**PRIMARY ENGINE AIR FILTER ELEMENT**  
[AH148880](#)  
 Interval (hrs) - As Required.

**DIESEL EXHAUST FLUID (DEF) TANK BREATHER**  
[H216169](#)  
 Interval (hrs) - 2000.

**FUEL CAP BREATHER ELEMENT**  
[T231314](#)  
 Interval (hrs) - 2000.

**ENGINE OIL FILTER ELEMENT**  
[RE509672](#)  
 Interval (hrs) - 500.








**PRIMARY AND FINAL FUEL FILTER ELEMENT (KIT)**  
[RE525523](#)  
 Interval (hrs) - 500.

**ENGINE ROCKER ARM COVER GASKET**  
[R527884](#)  
 Interval (hrs) - 2000.

**ENGINE CRANKSHAFT DAMPER**  
[RE57604](#)  
 Interval (hrs) - 4000.

# OILS AND CAPACITIES INFORMATION

## 903M Tracked Feller Buncher (PIN: 1T0903MX\_ \_ \_271505—408745)

Part Description	Part Number	Qty or Capacity	Change Interval In Hours
John Deere Plus-50™ II Engine Oil <sup>3</sup> 	<a href="#">TY26669</a>	31.0 L (8.2 gal)	500
U7 Track Drive Planetary Oil <sup>3</sup> (each) 	<a href="#">TY26372</a>	9.0 L (2.4 gal)	1000
U7L Track Drive Planetary Oil <sup>3</sup> (each) 	<a href="#">TY26372</a>	10.0 L (2.6 gal)	1000
API GL-5 Swing Drive Gear Case Oil <sup>3</sup> (each) 	<a href="#">TY26372</a>	4.5 L (1.2 gal)	1000
John Deere Hydrau™ XR Hydraulic Enclosure Door Pump Oil <sup>3</sup> 	<a href="#">TY27318</a>	4.1 L (1.1 gal)	2000
John Deere Hydrau™ Hydraulic Oil <sup>3</sup> 	<a href="#">TY27367</a>	193.0 L (51.0 gal)	2000
John Deere Cool-Gard™ II Pre-Mix 	<a href="#">TY26575</a>	48.9 L (12.9 gal)	6000
Fluid Analysis Test Kits <sup>4</sup>			
Engine Oil	<a href="#">AT346594</a>	1	250
Hydraulic Oil	<a href="#">AT346594</a>	1	500
Diesel Fuel	<a href="#">TY27329</a>	1	500
Track Drive Planetary Oil	<a href="#">AT346594</a>	2	500
Swing Drive Gear Case Oil	<a href="#">AT346594</a>	2	500
Enclosure Door Pump Oil	<a href="#">AT180344</a>	1	500
Engine Coolant	<a href="#">TY27787</a>	1	500

<sup>3</sup> See operator's manual for recommended oil type and oil viscosities based on operating temperatures.

<sup>4</sup> Based on fluid analysis results, intervals may need to be adjusted for operating conditions. See an authorized John Deere dealer.

Plus-50 is a trademark of Deere & Company

Hydrau is a trademark of Deere & Company

Hy-Gard is a trademark of Deere & Company

Cool-Gard is a trademark of Deere & Company

## Service Intervals

As Required	
<input type="checkbox"/> Inspect serpentine belt	<input type="checkbox"/> Lubricate toolbox door hinges (if equipped)
<input type="checkbox"/> Check and clean cooling system and condenser fins	<input type="checkbox"/> Lubricate door hinges
<input type="checkbox"/> Replace engine air filter elements	<input type="checkbox"/> Replace cab fresh air and cab recirculation filters
<input type="checkbox"/> Clean and tighten battery terminals	
Every 10 Hours or Daily	
<input type="checkbox"/> Lubricate leveler pivot joints and cylinders (if equipped)	<input type="checkbox"/> Lubricate crank and link (903M, 953M, and 959M only)
<input type="checkbox"/> Check fire suppression system (if equipped)	<input type="checkbox"/> Lubricate swing drive pinion and bearing
<input type="checkbox"/> Check swing drive gear case oil level	<input type="checkbox"/> Check and drain primary fuel filter and water separator
<input type="checkbox"/> Check hydraulic oil level	<input type="checkbox"/> Check and drain final fuel filter
<input type="checkbox"/> Check engine oil level	<input type="checkbox"/> Check and drain auxiliary fuel filter and water separator (if equipped)
<input type="checkbox"/> Check engine coolant level	<input type="checkbox"/> Inspect fire extinguisher
<input type="checkbox"/> Lubricate boom joints and cylinder ends	<input type="checkbox"/> Inspect chain shot guard (953MH and 959MH only)
<input type="checkbox"/> Check and adjust track sag	
Initial Service—100 Hours	
<input type="checkbox"/> Check track shoe cap screw torque	
Every 100 Hours	
<input type="checkbox"/> Lubricate swing drive gear case bearing	
Initial Service—250 Hours	
<input type="checkbox"/> Drain and refill swing drive gear case oil	<input type="checkbox"/> Check lower roller mounting cap screw torque
<input type="checkbox"/> Drain and refill track drive planetary oil	
Every 250 Hours	
<input type="checkbox"/> Check track drive planetary oil level	<input type="checkbox"/> Check skylight latch tension
<input type="checkbox"/> Check rear window alternative exit latches and retainer knobs	<input type="checkbox"/> Take engine oil sample
<input type="checkbox"/> Check track shoe cap screw torque	
Every 500 Hours	
<input type="checkbox"/> Replace fuel prefilter (if equipped)	<input type="checkbox"/> Check enclosure door pump oil level
<input type="checkbox"/> Replace primary fuel filter and water separator	<input type="checkbox"/> Drain water and sediment from fuel tank
<input type="checkbox"/> Replace final fuel filter	<input type="checkbox"/> Take engine coolant sample
<input type="checkbox"/> Replace auxiliary fuel filter and water separator (if equipped)	<input type="checkbox"/> Take diesel fuel sample
<input type="checkbox"/> Drain and refill engine oil and replace filter	<input type="checkbox"/> Take hydraulic oil sample
<input type="checkbox"/> Check hybrid battery electrolyte level (if equipped)	<input type="checkbox"/> Take track drive planetary oil sample
<input type="checkbox"/> Check air intake hoses	<input type="checkbox"/> Take swing drive gear case oil sample
<input type="checkbox"/> Take enclosure door pump oil sample	
Every 1000 Hours	
<input type="checkbox"/> Drain and refill swing drive gear case oil	<input type="checkbox"/> Drain and refill track drive planetary oil
<input type="checkbox"/> Check coolant condition	

## Service Intervals

Every 2000 Hours	
<input type="checkbox"/> Replace hydraulic oil breather filter	<input type="checkbox"/> Drain and refill enclosure door pump oil
<input type="checkbox"/> Drain and refill hydraulic oil	<input type="checkbox"/> Replace fuel cap breather element
<input type="checkbox"/> Replace hydraulic oil return filters	<input type="checkbox"/> Replace fuel tank breather
<input type="checkbox"/> Check and adjust engine valve lash	
Every 4000 Hours	
<input type="checkbox"/> Replace engine crankshaft damper	
Every 6000 Hours	
<input type="checkbox"/> Drain and refill engine coolant	