

## Lubrication chart

	<b>TMS500E</b>	<b>RT500E</b>	<b>RT600E</b>	<b>RT700E</b>	<b>TMS 700E</b>
<b>Transmission</b>	Hyd oil - check fluid 10 hrs or daily/ drain & fill /1000 hrs or 6 months Lube Spec 6-829-006444	Hyd oil - check fluid 10 hrs or daily/ drain & fill /1000 hrs or 6 months Lube Spec 6-829-006444	Hyd oil - check fluid 10 hrs or daily/ drain & fill /1000 hrs or 6 months Lube Spec 6-829-006444	Hyd oil - check fluid 10 hrs or daily/ drain & fill /1000 hrs or 6 months Lube Spec 6-829-006444	Synthetic Gear Lube - check fluid 100 hrs or monthly/ drain & fill /2yrs. or 50,000 mi Lube Spec 6-829-013433
<b>Hydraulic Reservoir</b>	Hyd oil - check fluid 10 hrs or daily Lube Spec 6-829-006444	Hyd oil - check fluid 10 hrs or daily Lube Spec 6-829-006444	Hyd oil - check fluid 10 hrs or daily Lube Spec 6-829-006444	Hyd oil - check fluid 10 hrs or daily Lube Spec 6-829-006444	Hyd oil - check fluid 10 hrs or daily Lube Spec 6-829-006444
<b>Hoist</b>	AGMA EP-4 gear lube - check fluid 1000 hrs or 12 months Lube Spec 6-829-100213	AGMA EP-4 gear lube - check fluid 1000 hrs or 12 months Lube Spec 6-829-100213	Epmp gear lube - 1000 hrs or 12 months Lube Spec 6-829-006240	Epmp gear lube - 1000 hrs or 12 months Lube Spec 6-829-006240	Epmp gear lube - 1000 hrs or 12 months Lube Spec 6-829-006240
<b>Axle Planetary</b>	N/A	Semi syn gear lube - check fluid 500 hrs or 3 months/ drain & fill 4000 hrs or 2 years Lube Spec 6-829-012964	Semi syn gear lube - check fluid 500 hrs or 3 months/ drain & fill 4000 hrs or 2 years Lube Spec 6-829-012964	Semi syn gear lube - check fluid 500 hrs or 3 months/ drain & fill 4000 hrs or 2 years Lube Spec 6-829-012964	N/A
<b>Axle Differentials</b>	Semi syn gear lube - check 250 hrs or 3 months/ drain & fill 50,000 mi or 2 yrs Lube Spec 6-829- 012964	Semi syn gear lube - check fluid 500 hrs or 3 months/ drain & fill 4000 hrs or 2 years Lube Spec 6-829-012964	Semi syn gear lube - check fluid 500 hrs or 3 months/ drain & fill 4000 hrs or 2 years Lube Spec 6-829-012964	Semi syn gear lube - check fluid 500 hrs or 3 months/ drain & fill 4000 hrs or 2 years Lube Spec 6-829-012964	Semi syn gear lube - check 250 hrs or 3 months/ drain & fill 50,000 mi or 2 yrs Lube Spec 6-829- 012964
<b>Boom Pivot Shaft</b>	Extreme press multi purpose grease - 250 hrs or 3 months Lube Spec 6-829-003477	Extreme press multi purpose grease - 250 hrs or 3 months Lube Spec 6-829-003477	Extreme press multi purpose grease - 250 hrs or 3 months Lube Spec 6-829-003477	Extreme press multi purpose grease - 250 hrs or 3 months Lube Spec 6-829-003477	Extreme press multi purpose grease - 250 hrs or 3 months Lube Spec 6-829-003477
<b>Boom Sheaves</b>	Extreme press multi purpose grease - 250 hrs or 3 months Lube Spec 6-829-003477	Extreme press multi purpose grease - 250 hrs or 3 months Lube Spec 6-829-003477	Extreme press multi purpose grease - 250 hrs or 3 months Lube Spec 6-829-003477	Extreme press multi purpose grease - 250 hrs or 3 months Lube Spec 6-829-003477	Extreme press multi purpose grease - 250 hrs or 3 months Lube Spec 6-829-003477
<b>Boom wear pads</b>	Extreme press multi purpose grease - 50 hrs or weekly or as environmental conditions dictate Lube Spec 6-829-003477	Extreme press multi purpose grease - 50 hrs or weekly or as environmental conditions dictate Lube Spec 6-829-003477	Extreme press multi purpose grease - 50 hrs or weekly or as environmental conditions dictate Lube Spec 6-829-003477	Extreme press multi purpose grease - 50 hrs or weekly or as environmental conditions dictate Lube Spec 6-829-003477	Extreme press multi purpose grease - 50 hrs or weekly or as environmental conditions dictate Lube Spec 6-829-003477
<b>Boom Side Wear Pads</b>	Extreme press multi purpose grease - 250 hrs or 3 months Lube Spec 6-829-003477	Extreme press multi purpose grease - 50 hrs or weekly or as environmental conditions dictate Lube Spec 6-	Extreme press multi purpose grease - 250 hrs or 3 months Lube Spec 6-829-003477	Extreme press multi purpose grease - 250 hrs or 3 months Lube Spec 6-829-003477	Extreme press multi purpose grease - 250 hrs or 3 months Lube Spec 6-829-003477

	<b>TMS500E</b>	<b>RT500E</b>	<b>RT600E</b>	<b>RT700E</b>	<b>TMS 700E</b>
<b>Hookblock Sheaves</b>	Extreme press multi purpose grease - 250 hrs or 3 months Lube Spec 6-829-003477	Extreme press multi purpose grease - 250 hrs or 3 months Lube Spec 6-829-003477	Extreme press multi purpose grease - 250 hrs or 3 months Lube Spec 6-829-003477	Extreme press multi purpose grease - 250 hrs or 3 months Lube Spec 6-829-003477	Extreme press multi purpose grease - 250 hrs or 3 months Lube Spec 6-829-003477
<b>Hookblock Swivel Bearing</b>	Extreme press multi purpose grease - 250 hrs or 3 months Lube Spec 6-829-003477	Extreme press multi purpose grease - 250 hrs or 3 months Lube Spec 6-829-003477	Extreme press multi purpose grease - 250 hrs or 3 months Lube Spec 6-829-003477	Extreme press multi purpose grease - 250 hrs or 3 months Lube Spec 6-829-003477	Extreme press multi purpose grease - 250 hrs or 3 months Lube Spec 6-829-003477
<b>Extend/Retract Sheaves</b>	Extreme press multi purpose grease - 250 hrs or 3 months Lube Spec 6-829-003477	Extreme press multi purpose grease - 250 hrs or 3 months Lube Spec 6-829-003477	Extreme press multi purpose grease - 250 hrs or 3 months Lube Spec 6-829-003477	Extreme press multi purpose grease - 250 hrs or 3 months Lube Spec 6-829-003477	Extreme press multi purpose grease - 250 hrs or 3 months Lube Spec 6-829-003477
<b>Engine Crankcase</b>	Check fluid daily/ Drain & fill 250 hrs Lube Spec 6-829-003483	Check fluid daily/ Drain & fill 250 hrs Lube Spec 6-829-003483	Check fluid daily/ Drain & fill 250 hrs Lube Spec 6-829-003483	Check fluid daily/ Drain & fill 250 hrs Lube Spec 6-829-003483	Check fluid daily/ Drain & fill 250 hrs Lube Spec 6-829-003483
<b>Engine Cooling System</b>	50/50 mix - check fluid 10 hrs or daily Lube Spec 6-829-003478	50/50 mix - check fluid 10 hrs or daily Lube Spec 6-829-003478	50/50 mix - check fluid 10 hrs or daily Lube Spec 6-829-003478	50/50 mix - check fluid 10 hrs or daily Lube Spec 6-829-003478	50/50 mix - check fluid 10 hrs or daily Lube Spec 6-829-003478
<b>Turntable Bearing</b>	Water pump grease - 500 hrs or 6 months Lube Spec 6-829-005830	Water pump grease - 500 hrs or 6 months Lube Spec 6-829-005830	Water pump grease - 500 hrs or 6 months Lube Spec 6-829-005830	Water pump grease - 500 hrs or 6 months Lube Spec 6-829-005830	Water pump grease - 500 hrs or 6 months Lube Spec 6-829-005830
<b>Turntable Swingbox</b>	Semi syn gear lube - check & fill 50 hrs/ drain fluid first 250 hrs/ drain fluid 500 hrs or 12 months Lube Spec 6-829-012964	Semi syn gear lube - check & fill 50 hrs/ drain fluid first 250 hrs/ drain fluid 500 hrs or 12 months Lube Spec 6-829-012964	Semi syn gear lube - check & fill 50 hrs/ drain fluid first 250 hrs/ drain fluid 500 hrs or 12 months Lube Spec 6-829-012964	Semi syn gear lube - check & fill 50 hrs/ drain fluid first 250 hrs/ drain fluid 500 hrs or 12 months Lube Spec 6-829-012964	Semi syn gear lube - check & fill 50 hrs/ drain fluid first 250 hrs/ drain fluid 500 hrs or 12 months Lube Spec 6-829-012964
<b>Driveline</b>	Extreme press multi purpose grease - 500 hrs or 10,000 mi Lube Spec 6-829-003477	Extreme press multi purpose grease - 500 hrs or 10,000 mi Lube Spec 6-829-003477	Extreme press multi purpose grease - 500 hrs or 10,000 mi Lube Spec 6-829-003477	Extreme press multi purpose grease - 500 hrs or 10,000 mi Lube Spec 6-829-003477	Extreme press multi purpose grease - 500 hrs or 10,000 mi Lube Spec 6-829-003477
<b>Outrigger Beams</b>	Extreme press multi purpose lube - 500 hrs or 6 months Lube Spec 6-829-003477	Extreme press multi purpose lube - 500 hrs or 6 months Lube Spec 6-829-003477	Extreme press multi purpose lube - 500 hrs or 6 months Lube Spec 6-829-003477	Extreme press multi purpose lube - 500 hrs or 6 months Lube Spec 6-829-003477	Extreme press multi purpose lube - 500 hrs or 6 months Lube Spec 6-829-003477
<b>Jack Cylinder Support Tubes</b>	Extreme press multi purpose lube - 500 hrs or 6 months Lube Spec 6-829-003477	Extreme press multi purpose lube - 500 hrs or 6 months Lube Spec 6-829-003477	Extreme press multi purpose lube - 500 hrs or 6 months Lube Spec 6-829-003477	Extreme press multi purpose lube - 500 hrs or 6 months Lube Spec 6-829-003477	Extreme press multi purpose lube - 500 hrs or 6 months Lube Spec 6-829-003477

	<b>TMS500E</b>	<b>RT500E</b>	<b>RT600E</b>	<b>RT700E</b>	<b>TMS 700E</b>
<b>Steering Cylinder Pivot Pins</b>	Extreme press multi purpose lube - 500 hrs or 3 months Lube Spec 6-829-003477	Extreme press multi purpose lube - 500 hrs or 3 months Lube Spec 6-829-003477	Extreme press multi purpose lube - 500 hrs or 3 months Lube Spec 6-829-003477	Extreme press multi purpose lube - 500 hrs or 3 months Lube Spec 6-829-003477	Extreme press multi purpose lube - 500 hrs or 3 months Lube Spec 6-829-003477
<b>5th Wheel Pivot</b>	N/A	Extreme press multi purpose lube - 500 hrs or 3 months Lube Spec 6-829-003477	Extreme press multi purpose lube - 500 hrs or 3 months Lube Spec 6-829-003477	Extreme press multi purpose lube - 500 hrs or 3 months Lube Spec 6-829-003477	N/A
<b>Lockout Cylinder Pivot Pins</b>	NA	Extreme press multi purpose lube - 500 hrs or 3 months Lube Spec 6-829-003477	Extreme press multi purpose lube - 500 hrs or 3 months Lube Spec 6-829-003477	Extreme press multi purpose lube - 500 hrs or 3 months Lube Spec 6-829-003477	N/A
<b>Air Cleaner Filter</b>	Replace when indicator shows red	Replace when indicator shows red	Replace when indicator shows red	Replace when indicator shows red	Replace when indicator shows red
<b>Upper &amp; Lower King Pins</b>	Extreme press multi purpose lube - 1000 hrs or 12 months Lube Spec 6-829-003477	Extreme press multi purpose lube - 500 hrs or 3 months Lube Spec 6-829-003477	Extreme press multi purpose lube - 500 hrs or 3 months Lube Spec 6-829-003477	Extreme press multi purpose lube - 500 hrs or 3 months Lube Spec 6-829-003477	Extreme press multi purpose lube - 1000 hrs or 12 months Lube Spec 6-829-003477
<b>Steering 90 Deg Miter Box</b>	Extreme pressure multi purpose grease - 1000 hrs or 12 months Lube Spec 6-829-003477	N/A	N/A	N/A	Extreme pressure multi purpose grease - 1000 hrs or 12 months Lube Spec 6-829-003477
<b>Front Axle Hubs</b>	Semi syn gear lube - check fluid 250 hrs or 3 months Lube Spec 6-829-012964	N/A	N/A	N/A	Semi syn gear lube - check fluid 250 hrs or 3 months Lube Spec 6-829-012964
<b>Tie Rod Ends</b>	Extreme pressure multi purpose grease - 1000 hrs or 12 months Lube Spec 6-829-003477	Extreme press multi purpose lube - 500 hrs or 3 months Lube Spec 6-829-003477	Extreme press multi purpose lube - 500 hrs or 3 months Lube Spec 6-829-003477	Extreme press multi purpose lube - 500 hrs or 3 months Lube Spec 6-829-003477	Extreme pressure multi purpose grease - 1000 hrs or 12 months Lube Spec 6-829-003477
<b>Brake Slack Adjusters</b>	Extreme press multi purpose grease - 1000 hrs or 12 months Lube Spec 6-829-003477	N/A	N/A	N/A	Extreme press multi purpose grease - 1000 hrs or 12 months Lube Spec 6-829-003477
<b>Rear Axle Brake Camshafts</b>	Extreme press multi purpose grease - 1000 hrs Lube Spec 6-829-003477	N/A	N/A	N/A	Extreme press multi purpose grease - 1000 hrs Lube Spec 6-829-003477
<b>Driveline Slip and U Joints</b>	Extreme press multi purpose grease - 500 hrs or 10,000 mi Lube Spec 6-829-003477	Extreme press multi purpose grease - 500 hrs or 3 months Lube Spec 6-829-003477	Extreme press multi purpose grease - 500 hrs or 3 months Lube Spec 6-829-003477	Extreme press multi purpose grease - 500 hrs or 3 months Lube Spec 6-829-003477	Permalube

	<b>TMS500E</b>	<b>RT500E</b>	<b>RT600E</b>	<b>RT700E</b>	<b>TMS 700E</b>
<b>Pump Drive</b>	N/A	N/A	N/A	N/A	Semi syn gear lube - 100 hrs or monthly Lube Spec 6-829-012964
<b>Tele Cyl Wear Pads</b>	Extreme press multi purpose grease - 125 hrs or 3 months Lube Spec 6-829-003477	Extreme press multi purpose grease - 125 hrs or 3 months Lube Spec 6-829-003477	Extreme press multi purpose grease - 125 hrs or 3 months Lube Spec 6-829-003477	Extreme press multi purpose grease - at boom tear down or as environmental conditions dictate Lube Spec 6-829-003477	Extreme press multi purpose grease - at boom tear down or as environmental conditions dictate Lube Spec 6-829-003477
<b>Clutch Throw Out Bearing</b>	Extreme press multi purpose grease - 250 hrs Lube Spec 6-829-003477	N/A	N/A	N/A	Extreme press multi purpose grease - 250 hrs Lube Spec 6-829-003477

	<b>RT9130E</b>				
<b>Transmission</b>	Hyd oil - check fluid 10 hrs or daily/ drain & fill /1000 hrs or 6 months Lube Spec 6-829-006444				
<b>Hydraulic Reservoir</b>	Hyd oil - check fluid 10 hrs or daily Lube Spec 6-829-006444				
<b>Hoist</b>	AGMA EP-4 gear lube - check fluid 1000 hrs or 12 months Lube Spec 6-829-100213				
<b>Axle Planetary</b>	Semi syn gear lube - check fluid 500 hrs or 3 months/ drain & fill 4000 hrs or 2 years Lube Spec 6-829-012964				
<b>Axle Differentials</b>	Semi syn gear lube - check fluid 500 hrs or 3 months/ drain & fill 4000 hrs or 2 years Lube Spec 6-829-012964				
<b>Boom Pivot Shaft</b>	Extreme press multi purpose grease - 250 hrs or 3 months Lube Spec 6-829-003477				
<b>Boom Sheaves</b>	Extreme press multi purpose grease - 250 hrs or 3 months Lube Spec 6-829-003477				
<b>Boom wear pads</b>	Extreme press multi purpose grease - 50 hrs or weekly or as environmental conditions dictate Lube Spec 6-829-003477				
<b>Boom Side Wear Pads</b>	Extreme press multi purpose grease - 250 hrs or 3 months Lube Spec 6-829-003477				

	<b>RT9130E</b>				
<b>Hookblock Sheaves</b>	Extreme press multi purpose grease - 250 hrs or 3 months Lube Spec 6-829-003477				
<b>Hookblock Swivel Bearing</b>	Extreme press multi purpose grease - 250 hrs or 3 months Lube Spec 6-829-003477				
<b>Extend/Retract Sheaves</b>	Extreme press multi purpose grease - 250 hrs or 3 months Lube Spec 6-829-003477				
<b>Engine Crankcase</b>	Check fluid daily/ Drain & fill 500 hrs Lube Spec 6-829-003483				
<b>Engine Cooling System</b>	50/50 Mix - Check fluid 10 hrs or daily Lube Spec 6-829-101130				
<b>Turntable Bearing</b>	Water pump grease - 500 hrs or 6 months Lube Spec 6-829-003477				
<b>Turntable Swingbox</b>	Semi syn gear lube - check & fill 50 hrs/ drain fluid first 250 hrs/ drain fluid 500 hrs or 12 months Lube Spec 6-829-012964				
<b>Driveline</b>	Extreme press multi purpose grease - 500 hrs or 10,000 mi Lube Spec 6-829-003477				
<b>Outrigger Beams</b>	Extreme press multi purpose lube - 500 hrs or 6 months Lube Spec 6-829-003477				
<b>Jack Cylinder Support Tubes</b>	Extreme press multi purpose lube - 500 hrs or 6 months Lube Spec 6-829-003477				

	<b>RT9130E</b>				
<b>Steering Cylinder Pivot Pins</b>	Extreme press multi purpose lube - 500 hrs or 3 months Lube Spec 6-829-003477				
<b>5th Wheel Pivot</b>	Extreme press multi purpose lube - 500 hrs or 3 months Lube Spec 6-829-003477				
<b>Lockout Cylinder Pivot Pins</b>	Extreme press multi purpose lube - 500 hrs or 3 months Lube Spec 6-829-003477				
<b>Air Cleaner Filter</b>	Replace when indicator shows red				
<b>Upper &amp; Lower King Pins</b>	Extreme press multi purpose lube - 500 hrs or 3 months Lube Spec 6-829-003477				
<b>Steering 90 Deg Miter Box</b>	N/A				
<b>Front Axle Hubs</b>	N/A				
<b>Tie Rod Ends</b>	Extreme press multi purpose lube - 500 hrs or 3 months Lube Spec 6-829-003477				
<b>Brake Slack Adjusters</b>	N/A				
<b>Rear Axle Brake Camshafts</b>	N/A				
<b>Driveline Slip and U Joints</b>	Extreme press multi purpose grease - 500 hrs or 3 months Lube Spec 6-829-003477				
<b>Pump Drive</b>	N/A				
<b>Tele Cyl Wear Pads</b>	Extreme press multi purpose grease - 125 hrs or 3 months Lube Spec 6-829-003477				
<b>Clutch Throw Out Bearing</b>	N/A				