



JOHN DEERE

Avoid machine damage. **** Do not mix fluids!****
Complete system flush is necessary if factory fill is different than field service fill. (engine oil to AW or Hitachi fluid)

Fluid sampling is recommended as part of regular service and maintenance.
Note: Information on this chart may change. Always consult the OM in Service ADVISOR


CONSTRUCTION & FORESTRY EQUIPMENT


Be aware of operating and ambient temperatures when using field service fills.

Feedback

Last Updated: September 13, 2013

Model	Description	Hydraulic Factory Fill	Hydraulic Field Service Fill	Transmission / Hydrostatic Factory Fill	Transmission / Hydrostatic Field Service Fill	Differential / Tandem / Bogie Factory Fill	Differential / Tandem / Bogie Field Service Fill	Pump Gearbox (PG) / Swing Gearbox (SG) Factory Fill	Final Drive / Travel Gearbox Factory Fill
17ZTS--50CZTS	Compact Excavator	Super EX 46HN	Super EX 46HN (All Season) Daphne Super Hydro A32 (Winter)	Common Sump [Hydraulic/Hydrostatic]	Super EX 46HN (All Season) Daphne Super Hydro A32 (Winter)	Not Applicable	Not Applicable	GL-5 (80W-90) [SG]	GL-5 (80W-90)
17D, 27D, 35D, 35G, 50D, 50G, 60D, 60G	Compact Excavator	Super EX 46HN	Super EX 46HN (All Season) Daphne Super Hydro A32 (Winter)	Common Sump [Hydraulic/Hydrostatic]	Super EX 46HN (All Season) Daphne Super Hydro A32 (Winter)	Not Applicable	Not Applicable	GL-5 (80W-90) [SG]	GL-5 (80W-90)
75C, 80C, 120C, 135C RTS, 160CLC	Excavator	Super EX 46HN	Super EX 46HN (All Season) Daphne Super Hydro A32 (Winter)	Common Sump [Hydraulic/Hydrostatic]	Super EX 46HN (All Season) Daphne Super Hydro A32 (Winter)	Not Applicable	Not Applicable	GL-5 (80W-90) [SG]	GL-5 (80W-90)
75D, 75G, 85D, 85G, 120D, 135D, 130G, 135G	Excavator	Super EX 46HN	Super EX 46HN (All Season) Daphne Super Hydro A32 (Winter)	Common Sump [Hydraulic/Hydrostatic]	Super EX 46HN (All Season) Daphne Super Hydro A32 (Winter)	Not Applicable	Not Applicable	GL-5 (80W-90) [SG]	GL-5 (80W-90)
160DLC, 160GLC, 180GLC, 200DLC, 210GLC, 225D, 240D, 245G, 250G, 270D, 290G, 350D, 350G	Excavator	Super EX 46HN	Super EX 46HN (All Season) Daphne Super Hydro A32 (Winter)	Common Sump [Hydraulic/Hydrostatic]	Super EX 46HN (All Season) Daphne Super Hydro A32 (Winter)	Not Applicable	Not Applicable	Plus-50 II 15W-40 [PG] GL-5 (80W-90) [SG]	GL-5 (80W-90)
180CW, 210CW	Excavator	Super EX 46HN	Super EX 46HN (All Season) Daphne Super Hydro A32 (Winter)	Common Sump [Hydraulic/Hydrostatic] Rimula Super 15W-40 [Transmission Gearbox]	Super EX 46HN (All Season) Daphne Super Hydro A32 (Winter) Plus 50 II (10W30) [Transmission Gearbox]	GL-5 (80W-90)	GL-5 (80W-90)	Plus-50 II 15W-40 [PG] GL-5 (80W-90) [SG]	Not Applicable
190DW, 220DW	Excavator	Super EX 46HN	Super EX 46HN (All Season) Daphne Super Hydro A32 (Winter)	Common Sump [Hydraulic/Hydrostatic] GL-5 (80W-90) [Transmission Gearbox]	Super EX 46HN (All Season) Daphne Super Hydro A32 (Winter) GL-5 (80W90) [Transmission Gearbox]	GL-5 (80W-90)	GL-5 (80W-90)	Plus-50 II 15W-40 [PG] GL-5 (80W-90) [SG]	Not Applicable
200CLC, 225CLC, 230CLC, 270CLC	Excavator	Super EX 46HN	Super EX 46HN (All Season) Daphne Super Hydro A32 (Winter)	Common Sump [Hydraulic/Hydrostatic]	Super EX 46HN (All Season) Daphne Super Hydro A32 (Winter)	Not Applicable	Not Applicable	Plus-50 II 15W-40 [PG] GL-5 (80W-90) [SG]	GL-5 (80W-90)
330CLC, 370C, 450CLC, 600CLC, 800C	Excavator	Super EX 46HN	Super EX 46HN (All Season) Daphne Super Hydro A32 (Winter)	Common Sump [Hydraulic/Hydrostatic]	Super EX 46HN (All Season) Daphne Super Hydro A32 (Winter)	Not Applicable	Not Applicable	Plus-50 II 15W-40 [PG] GL-5 (80W-90) [SG]	GL-5 (80W-90)
450DLC, 470GLC, 650DLC, 670GLC, 850DLC, 870GLC	Excavator	Super EX 46HN	Super EX 46HN (All Season) Daphne Super Hydro A32 (Winter)	Common Sump [Hydraulic/Hydrostatic]	Super EX 46HN (All Season) Daphne Super Hydro A32 (Winter)	Not Applicable	Not Applicable	Plus-50 II 15W-40 [PG] GL-5 (80W-90) [SG]	GL-5 (80W-90)
450H--700H (~902079), 750C--850C (~902164)	Crawler Dozer	Hy-GARD	TORQ-GARD 10W-30	Hy-GARD	TORQ-GARD 10W-30 Plus-50 II 10W-30	Not Applicable	Not Applicable	Not Applicable	Hy-GARD
450H--700H (902080--), 750C--850C (902165--), 450J--850J, 550K--850K	Crawler Dozer	TORQ-GARD 10W-30	TORQ-GARD 10W-30 Plus-50 II 10W-30	TORQ-GARD 10W-30 Plus-50 II 10W-30	TORQ-GARD 10W-30 Plus-50 II 10W-30	Not Applicable	Not Applicable	Not Applicable	Hy-GARD

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Model	Description	Hydraulic Factory Fill	Hydraulic Field Service Fill	Transmission / Hydrostatic Factory Fill	Transmission / Hydrostatic Field Service Fill	Differential / Tandem / Bogie Factory Fill	Differential / Tandem / Bogie Field Service Fill	Pump Gearbox [PG]/ Swing Gearbox [SG] Factory Fill	Final Drive / Travel Gearbox Factory Fill
950C, 1050C, 950J (S.N. --009361), 1050J (S.N. --009326)	Crawler Dozer	SAE 10W-40	TORQ-GARD 10W-30 Plus-50 II10W-30	Common Sump [Hydraulic/Hydrostatic]	TORQ-GARD 10W-30 Plus-50 II10W-30	Not Applicable	Not Applicable	GL-5 (85W-140) [Splitter Box]	GL-5 (85W-140)
950J (S.N. 009362--), 1050J (S.N. 009329--)	Crawler Dozer	Liebherr HVI 46 (Hydraulic Fluid)	TORQ-GARD 10W-30 Plus-50 II10W-30	Common Sump [Hydraulic/Hydrostatic]	TORQ-GARD 10W-30 Plus-50 II10W-30	Not Applicable	Not Applicable	GL-5 (85W-140) [Splitter Box]	GL-5 (85W-140)
605C (S.N. --009420)	Crawler Loader	SAE 10W-40	TORQ-GARD 10W-30 Plus-50 II10W-30	Common Sump [Hydraulic/Hydrostatic]	TORQ-GARD 10W-30 Plus-50 II10W-30	Not Applicable	Not Applicable	GL-5 (75W-90) [Splitter Box]	GL-5 (80W-90)
605C (S.N. 009421--)	Crawler Loader	Liebherr HVI 46	TORQ-GARD 10W-30 Plus-50 II10W-30	Common Sump [Hydraulic/Hydrostatic]	TORQ-GARD 10W-30 Plus-50 II10W-30	Not Applicable	Not Applicable	GL-5 (75W-90) [Splitter Box]	GL-5 (80W-90)
655C-II (S.N. --009387), 755C-II, 755D (S.N. -- 009298)	Crawler Loader	SAE 10W-40	TORQ-GARD 10W-30 Plus-50 II10W-30	Common Sump [Hydraulic/Hydrostatic]	TORQ-GARD 10W-30 Plus-50 II10W-30	Not Applicable	Not Applicable	GL-5 (85W-140) [Splitter Box]	GL-5 (85W-140)
655C-II (S.N. 009388--), 755D (S.N. 009299--)	Crawler Loader	Liebherr HVI 46	TORQ-GARD 10W-30 Plus-50 II10W-30	Common Sump [Hydraulic/Hydrostatic]	TORQ-GARD 10W-30 Plus-50 II10W-30	Not Applicable	Not Applicable	GL-5 (85W-140) [Splitter Box]	GL-5 (85W-140)
605K, 655K, 755K	Crawler Loader	TORQ-GARD 10W-30	TORQ-GARD 10W-30 Plus-50 II10W-30	TORQ-GARD 10W-30	TORQ-GARD 10W-30 Plus-50 II10W-30	Not Applicable	Not Applicable	Not Applicable	(Riser and Outer Final Drive) Hy-GARD
764 HSD	High Speed Dozer	Plus 50 II 10W-30	Plus 50 II 10W-30 Plus 50 II 0W40 (All Season)	Common Sump [Hydraulic/Hydrostatic]	Plus 50 II 15W-40 Plus 50 II 0W40 (All Season)	Hy-Gard	Hy-Gard	Hy-GARD (Pump Drive Gear Case)	GL-5 Synthetic (80W-140)
244H, 304H, 324H, 344H	4WD Loader	SAE 10W-40	TORQ-GARD 10W-30 Plus-50 II10W-30	Common Sump [Hydraulic/Transmission]	TORQ-GARD 10W-30 Plus-50 II10W-30	Hy-GARD	Hy-GARD	Not Applicable	Hy-GARD [Final Drive Hub]
204K, 244J, 304J, 304K, 344J	4WD Loader	TORQ-GARD 10W-30	TORQ-GARD 10W-30 Plus-50 II10W-30	Common Sump [Hydraulic/Transmission]	TORQ-GARD 10W-30 Plus-50 II10W-30	Hy-GARD	Hy-GARD	Not Applicable	Hy-GARD [Final Drive Hub]
244J (723290 --) 304J (623372 --) 344J (822914 --)	4WD Loader	SAE 10W-40	TORQ-GARD 10W-30 Plus-50 II10W-30	Common Sump [Hydraulic/Transmission]	TORQ-GARD 10W-30 Plus-50 II10W-30	GL-5 80W-90LS	GL-5 80W-90LS	Not Applicable	GL-5 80W-90LS [Final Drive Hub]
444H, 544H, 624H, TC44H, TC52H, TC62H	4WD Loader	Hy-GARD	Hy-GARD	Hy-GARD	Hy-GARD	Hy-GARD	Hy-GARD	Not Applicable	Not Applicable
444J, 544J, 624J	4WD Loader	TORQ-GARD 10W-30	TORQ-GARD 10W-30 Plus-50 II10W-30	Hy-GARD	Hy-GARD	Hy-GARD	Hy-GARD	Not Applicable	Not Applicable
444K, 524K, 544K, 624K	4WD Loader	TORQ-GARD 10W-30 Eco-Safe FR-46(68&100) (optional)	TORQ-GARD 10W-30 Plus 50 II 10W30 Eco-Safe FR-46(68&100) (optional)	Hy-GARD	Hy-GARD	Hy-GARD	Hy-GARD	Not Applicable	Not Applicable
644H, 744H, 824H	4WD Loader	Hy-GARD	Hy-GARD	Hy-GARD	Hy-GARD	Hy-GARD	Hy-GARD	Not Applicable	Not Applicable
644J, 724J, 744J, 824J	4WD Loader	Hy-GARD	Hy-GARD	Hy-GARD	Hy-GARD	Hy-GARD	Hy-GARD	Not Applicable	Not Applicable

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		<small>Complete system flush is necessary if factory fill is different than field service fill. (engine oil to AW or Hachi Fluid)</small>		<small>Note: Information on this chart may change. Always consult the OM in Service ADVISOR for up-to-date information.</small>					
		<small>Be aware of operating and ambient temperatures when using field service fills.</small>		<small>Factory</small>					
				<small>Last Updated: September 12, 2019</small>					
Model	Description	Hydraulic Factory Fill	Hydraulic Field Service Fill	Transmission / Hydrostatic Factory Fill	Transmission / Hydrostatic Field Service Fill	Differential / Tandem / Bogie Factory Fill	Differential / Tandem / Bogie Field Service Fill	Pump Gearbox [PG] / Swing Gearbox [SG] Factory Fill	Final Drive / Travel Gearbox Factory Fill
644K, 724K, 744K, 824K	4WD Loader	TORQ-GARD 10W-30 Eco-Safe FR-46(68&100) (optional)	TORQ-GARD 10W-30 Plus 50 II 10W/30 Eco-Safe FR-46(68&100) (optional)	Hy-GARD	Hy-GARD Low Viscosity Hy-Gard	Hy-GARD	Hy-GARD Low Viscosity Hy-Gard	Not Applicable	Not Applicable
644K Hybrid	4WD Loader	TORQ-GARD 10W-30	TORQ-GARD 10W-30 Plus 50 II 10W/30	Hy-GARD	Hy-GARD	Hy-GARD	Hy-GARD	(Inverter Cooling System) Cool-Gard II	Not Applicable
844J, 844K	4WD Loader	TORQ-GARD 10W-30	TORQ-GARD 10W-30 Plus 50 II 10W/30	Hy-GARD	Hy-GARD	JDM J11F (80W-90LS)	JDM J11F (80W-90LS)	Not Applicable	Not Applicable
844K Series II	4WD Loader	TORQ-GARD 10W-30	TORQ-GARD 10W-30 Plus 50 II 10W/30	Hy-GARD	Hy-GARD	Hy-GARD	Hy-GARD	Not Applicable	Not Applicable
670C/672CH--770C/772CH	Motor Grader	TORQ-GARD 10W-30	TORQ-GARD 10W-30 Plus 50 II 10W/30	Hy-GARD	Hy-GARD	Hy-GARD	Hy-GARD	Hy-GARD [Tandem Chain Case] Hy-GARD [Circle Drive Gearbox]	Hy-GARD
670D/672D, 770D/772D, 870D/872D	Motor Grader	TORQ-GARD 10W-30	TORQ-GARD 10W-30 Plus 50 II 10W/30	Hy-GARD	Hy-GARD	Hy-GARD	Hy-GARD	Hy-GARD [Tandem Chain Case] Hy-GARD [Circle Drive Gearbox]	Hy-GARD
670G/672G, 770G/772G, 870G/872G	Motor Grader	Plus-50 II 10W-30 Hydrau-46 Plus All Season (Optional)	Plus-50 II 10W-30 TORQ-GARD 10W-30 Hydrau-46 Plus All Season (Optional)	Hy-GARD	Hy-GARD	Hy-GARD	Hy-GARD	Hy-GARD [Tandem Chain Case] Hy-GARD [Circle Drive Gearbox]	Hy-GARD
9320, 9420, 9520, 9430, 9530, 9630, 9460R, 9510R, 9560R	Scraper Tractor	Hy-GARD	Hy-GARD	Hy-GARD	Hy-GARD	Hy-GARD	Hy-GARD	Not Applicable	Not Applicable
250C, 300C, 350C, 400C	Articulated Dump Truck	Caltex Texamatic Type G	Hy-GARD	Castrol TranSynd	Castrol TranSynd (HD SynTran)	Caltex Thuban (85W-140)	JDM J11F (85W-140LS)	Hy-GARD [Transfer Case]	JDM J11F (80W-90LS)
250D, 300D (Non-Davenport) (Davenport)	Articulated Dump Truck	Caltex Texamatic Type G (Non-Davenport) Hy-GARD (Davenport)	Hy-GARD	Castrol TranSynd	Castrol TranSynd (HD SynTran)	Caltex Thuban (80W-90) (Non-Davenport) JDM J11F (80W-90LS) (Davenport)	JDM J11F (80W-90LS)	Castrol TranSynd	JDM J11F (80W-90LS)
350D, 400D (Non-Davenport) (Davenport)	Articulated Dump Truck	Caltex Texamatic Type G (Non-Davenport) Hy-GARD (Davenport)	Hy-GARD	Castrol TranSynd	Castrol TranSynd (HD SynTran)	Caltex Thuban (80W-90) (Non-Davenport) JDM J11F (80W-90LS) (Davenport)	JDM J11F (80W-90LS)	Castrol TranSynd	JDM J11F (80W-90LS)
250D Series II, 300D Series II	Articulated Dump Truck	Hy-GARD	Hy-GARD	Castrol TranSynd	Castrol TranSynd (HD SynTran)	JDM J11F (80W-90LS)	JDM J11F (80W-90LS)	Castrol TranSynd	JDM J11F (80W-90LS)
350D Series II, 400D Series II	Articulated Dump Truck	Hy-GARD	Hy-GARD	Castrol TranSynd	Castrol TranSynd (HD SynTran)	JDM J11F (80W-90LS)	JDM J11F (80W-90LS)	Castrol TranSynd	JDM J11F (80W-90LS)
370E, 410E, 460E	Articulated Dump Truck	TORQ-GARD 10W-30	TORQ-GARD 10W-30 Plus 50 II 10W/30	TORQ-GARD 10W-30 Plus 50 II 10W/30	TORQ-GARD 10W-30 Plus 50 II 10W/30	Hy-GARD	Hy-GARD	Hy-GARD	Hy-GARD
310G--710G (-951252) 315G (-200000)	Backhoe	Hy-GARD	Hy-GARD	Hy-GARD	Hy-GARD	Hy-GARD	Hy-GARD	Not Applicable	Not Applicable
310G--710G (951253--315G (200001--))	Backhoe	Hy-GARD	Hy-GARD	Hy-GARD	Hy-GARD	Hy-GARD [MFWD & Rear]	Hy-GARD [MFWD & Rear]	Not Applicable	Not Applicable



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Complete system fluid is necessary if factory fill is different than field service fill. (engine oil is ATF or Hvac Oil)
Be aware of operating and ambient temperatures when using field service fills.

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Model	Description	Hydraulic Factory Fill	Hydraulic Field Service Fill	Transmission / Hydrostatic Factory Fill	Transmission / Hydrostatic Field Service Fill	Differential / Tandem / Bogle Factory Fill	Differential / Tandem / Bogle Field Service Fill	Pump Gearbox [PG] / Swing Gearbox [SG] Factory Fill	Final Drive / Travel Gearbox Factory Fill
310J-710J, 315SJ 310K-710K, 315SK	Backhoe	TORQ-GARD 10W-30	TORQ-GARD 10W-30 Plus 50 II 10W/30	Hy-GARD	Hy-GARD	Hy-GARD [MFWD & Rear]	Hy-GARD [MFWD & Rear]	Not Applicable	Not Applicable
110 TLB	Backhoe	TORQ-GARD 10W-30	TORQ-GARD 10W-30 Plus 50 II 10W/30	Hy-GARD	Hy-GARD	Hy-GARD [MFWD & Rear]	Hy-GARD [MFWD & Rear]	Not Applicable	Not Applicable
210LE (S.N. -881401)	Landscape Loader	Hy-GARD	Hy-GARD	Hy-GARD	Hy-GARD	Hy-GARD	Hy-GARD	Not Applicable	Not Applicable
210LE (S.N. 881402-), 210LJ	Landscape Loader	TORQ-GARD 10W-30	TORQ-GARD 10W-30 Plus 50 II 10W/30	Hy-GARD	Hy-GARD	Hy-GARD	Hy-GARD	Not Applicable	Not Applicable
210K EP, 210K	Landscape Loader / Tractor Loaders	TORQ-GARD 10W-30	TORQ-GARD 10W-30 Plus 50 II 10W/30	Hy-GARD	Hy-GARD	Hy-GARD	Hy-GARD	Not Applicable	Not Applicable
240 (S.N. 140101-449999), 250 (S.N. 150101-459999), 260 (S.N. 160101-469999), 270 (S.N. 170101-479999), 280 (S.N. 390001-580000)	Skid Steer Loader	Texaco Rando HDZ 46	Hy-GARD	Common Sump [Hydraulic/Transmission]	Hy-GARD	Texaco Rando HDZ 46 [Tandem Chain Case]	Hy-GARD [Tandem Chain Case]	Not Applicable	Not Applicable
240 (S.N. 908056-914586), 250 (S.N. 908053-914585), 260 (S.N. 908062-914589), 270 (S.N. 908070-914589), 280 (S.N. 908075-914587)	Skid Steer Loader	TORQ-GARD 10W-30	TORQ-GARD 10W-30 Plus 50 II 10W/30	Common Sump [Hydraulic/Transmission]	TORQ-GARD 10W-30 Plus-50 II 10W-30	TORQ-GARD 10W-30 [Tandem Chain Case]	TORQ-GARD 10W-30 Plus-50 II 10W-30 [Tandem Chain Case]	Not Applicable	Not Applicable
240 Series II (914587-), 250 Series II (914586-), 260 Series II (914590-), 270 Series II (914600-), 280 Series II (914588-)	Skid Steer Loader	TORQ-GARD 10W-30	TORQ-GARD 10W-30 Plus 50 II 10W/30	Common Sump [Hydraulic/Transmission]	TORQ-GARD 10W-30 Plus-50 II 10W-30	TORQ-GARD 10W-30 [Tandem Chain Case]	TORQ-GARD 10W-30 Plus-50 II 10W-30 [Tandem Chain Case]	Not Applicable	Not Applicable
313, 315, 317, 320, 325, 328, 332	Skid Steer Loader	Plus-50 II 10W-30	Plus-50 II 10W-30 TORQ-GARD 10W-30	Common Sump [Hydraulic/Transmission]	TORQ-GARD 10W-30 Plus-50 II 10W-30	TORQ-GARD 10W-30 [Tandem Chain Case]	TORQ-GARD 10W-30 Plus-50 II 10W-30 [Tandem Chain Case]	Not Applicable	Not Applicable
318D, 320D, 326D, 326E 328D, 328E, 332D, 332E	Skid Steer Loader	Plus-50 II 10W-30	Plus-50 II 10W-30 TORQ-GARD 10W-30	Common Sump [Hydraulic/Transmission]	TORQ-GARD 10W-30 Plus-50 II 10W-30	Plus 50 II 10W-30 [Tandem Chain Case]	TORQ-GARD 10W-30 Plus-50 II 10W-30 [Tandem Chain Case]	Not Applicable	Not Applicable
319D, 323D, 329D, 329E, 333D, 333E	Compact Track Loader	Plus-50 II 10W-30	Plus-50 II 10W-30 TORQ-GARD 10W-30	Common Sump [Hydraulic/Transmission]	Plus-50 II 10W-30 TORQ-GARD 10W-30	Not Applicable	TORQ-GARD 10W-30 Plus-50 II 10W-30 [Tandem Chain Case]	Not Applicable	GL-5 (80W-90)
CT315, CT322, CT332	Compact Track Loader	Plus-50 II 10W-30	Plus-50 II 10W-30 TORQ-GARD 10W-30	Common Sump [Hydraulic/Transmission]	Plus-50 II 10W-30 TORQ-GARD 10W-30	Not Applicable	TORQ-GARD 10W-30 Plus-50 II 10W-30 [Tandem Chain Case]	Not Applicable	GL-5 (80W-90)

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2054, 2554, 3554	Log Loader, Harvester, Delimber, Road Builder	Super EX 46HN Hydrau-32 Plus (optional) Hydrau-46 Plus (optional)	Super EX 46HN (All Season) Hydrau-46 Plus (optional)	Common Sump [Hydraulic/Hydrostatic]	Super EX 46HN (All Season) Hydrau-46 Plus (optional)	Not Applicable	Not Applicable	Plus-50 15W-40 [PG] GL-5 (80W-90) [SG]	GL-5 (80W-90)
2154D, 2454D, 2954D, 3754D	Log Loader, Harvester, Delimber, Road Builder	Super EX 46HN Hydrau-32 Plus (optional) Hydrau-46 Plus (optional)	Super EX 46HN (All Season) Hydrau-46 Plus (optional)	Common Sump [Hydraulic/Hydrostatic]	Super EX 46HN (All Season) Hydrau-46 Plus (optional)	Not Applicable	Not Applicable	Plus-50 15W-40 [PG] GL-5 (80W-90) [SG]	GL-5 (80W-90)
703G, 753G, 759G	Tracked Harvester	Esso Univas N68 (Summer) Esso Univas N32 (Winter)	Hydrau-46 Plus (optional)	Common Sump [Hydraulic/Hydrostatic]	Hydrau-46 Plus (optional)	Not Applicable	Not Applicable	GL-5 (80W-90) [SG]	GL-5 (80W-90)
703JH, 753JH, 759JH	Tracked Harvester	TORQ-Gard 10W30 Plus-50 0W-40 (All Season) Hydrau-46 Plus (optional)	Plus 50 II 10W30 Hydrau-46 Plus (optional)	Common Sump [Hydraulic/Hydrostatic]	Plus 50 II 10W30 Hydrau-46 Plus (optional)	Not Applicable	Not Applicable	Hy-GARD [PG] GL-5 (80W-90) [SG]	GL-5 (80W-90)
853JH, 903JH, 909JH	Tracked Harvester	TORQ-GARD 10W-30 (Summer) Plus-50 0W-40 (All Season)	TORQ-GARD 10W-30 (Summer) Plus-50 II 0W-40 (All Season)	Common Sump [Hydraulic/Hydrostatic]	TORQ-GARD 10W-30 (Summer) Plus-50 II 0W-40 (All Season)	Not Applicable	Not Applicable	GL-5 (80W-140) [SG]	GL-5 (80W-140)
903KH, 909KH	Tracked Harvester	TORQ-GARD 10W-30 (Summer) Plus-50 0W-40 (All Season)	TORQ-GARD 10W-30 (Summer) Plus-50 II 0W-40 (All Season)	Common Sump [Hydraulic/Hydrostatic]	TORQ-GARD 10W-30 (Summer) Plus-50 II 0W-40 (All Season)	Not Applicable	Not Applicable	GL-5 (80W-140) [SG]	GL-5 (80W-140)
770D (S.N. --000289), 970D 1070D (S.N. --001449), 1270D (S.N. --001281), 1470D (S.N. --001130)	Wheeled Harvester	Neste Hydraul 46	Hydrau-46 Plus	Common Sump [Hydraulic/Hydrostatic]	Hydrau-46 Plus	GL-5 (80W-90)	GL-5 (80W-90)	GL-5 (80W-90) [Transfer Gearbox]	Not Applicable
770D (S.N. 000290--), 1070D (S.N. 001450--), 1270D (S.N. 001282--), 1470D (S.N. 001131--)	Wheeled Harvester	Hydrau-Gard 46 Plus	Hydrau-46 Plus	Common Sump [Hydraulic/Hydrostatic]	Hydrau-46 Plus	Extreme-Gard 80W-90	GL-5 (80W-90)	GL-5 (80W-90) [Transfer Gearbox]	Not Applicable
1070E 1170E 1270E 1470E	Wheeled Harvester	Hydrau-Gard 46 Plus	Hydrau-46 Plus	Common Sump [Hydraulic/Hydrostatic]	Hydrau-46 Plus	GL-5 (80W-90)	GL-5 (80W-90)	GL-5 (80W-90)	Not Applicable
810D (S.N. --002048), 1010D (S.N. --004231)	Forwarder	Neste Hydraul 46	Hydrau-46 Plus	Common Sump [Hydraulic/Hydrostatic]	Hydrau-46 Plus	GL-5 (80W-90)	GL-5 (80W-90)	GL-5 (80W-90) [Transfer Case]	Not Applicable
810D (S.N. 002047--), 1010D (S.N. 004232--)	Forwarder	Hydrau-Gard 46 Plus	Hydrau-46 Plus	Common Sump [Hydraulic/Hydrostatic]	Hydrau-46 Plus	Extreme-Gard 80W-90	GL-5 (80W-90)	GL-5 (80W-90) [Transfer Case]	Not Applicable
810E 1010E	Forwarder	Hydrau-Gard 46 Plus	Hydrau-46 Plus	Common Sump [Hydraulic/Hydrostatic]	Hydrau-46 Plus	Extreme-Gard 80W-90	GL-5 (80W-90)	GL-5 (80W-90) [Transfer Case]	Not Applicable
1110D (S.N. --002545), 1410D (S.N. --001264), 1710D (S.N. --001114)	Forwarder	Neste Hydraul 46	Hydrau-46 Plus	Common Sump [Hydraulic/Hydrostatic]	Hydrau-46 Plus	GL-5 (80W-90)	GL-5 (80W-90)	GL-5 (80W-90) [Transfer Case]	Not Applicable
1110D (S.N. 002546--), 1410D (S.N. 001265--), 1710D (S.N. 001115--)	Forwarder	Hydrau-Gard 46 Plus	Hydrau-46 Plus	Common Sump [Hydraulic/Hydrostatic]	Hydrau-46 Plus	Extreme-Gard 80W-90	GL-5 (80W-90)	GL-5 (80W-90) [Transfer Case]	Not Applicable
1110E 1210E 1510E	Forwarder	Hydrau-Gard 46 Plus	Hydrau-46 Plus	Common Sump [Hydraulic/Hydrostatic]	Hydrau-46 Plus	GL-5 (80W-90)	GL-5 (80W-90)	GL-5 (80W-90)	Not Applicable
1490D (S.N. --002053)	Energy Wood Bundler	Neste Hydraul 46	Hydrau-46 Plus	Common Sump [Hydraulic/Hydrostatic]	Hydrau-46 Plus	GL-5 (80W-90)	GL-5 (80W-90)	GL-5 (80W-90) [Transfer Case]	Not Applicable
1490D (S.N. 002054--)	Energy Wood Bundler	Hydrau-Gard 46 Plus	Hydrau-46 Plus	Common Sump [Hydraulic/Hydrostatic]	Hydrau-46 Plus	Extreme-Gard 80W-90	GL-5 (80W-90)	GL-5 (80W-90) [Transfer Case]	Not Applicable
703G, 753G, 759G	Tracked Feller Buncher	Esso Univas N68 (Summer) Esso Univas N32 (Winter)	Hydrau-46 Plus	Common Sump [Hydraulic/Hydrostatic]	Hydrau-46 Plus	Not Applicable	Not Applicable	GL-5 (80W-90) [SG]	GL-5 (80W-90)

JOHN DEERE		CONSTRUCTION & FORESTRY EQUIPMENT					CONSTRUCTION & FORESTRY EQUIPMENT			
		Avoid machine damage. ** Do not mix fluids. ** Complete system flush is necessary if fluid fill is different than field service fill. (engine oil to All or Hvac's fluid) Be aware of operating and ambient temperatures when using field service fills.		Fluid sampling is recommended as part of regular service and maintenance. Note: Information on this chart may change. Always consult the OMI or Service ADVISOR for up to date information.		Fluid sampling is recommended as part of regular service and maintenance. Note: Information on this chart may change. Always consult the OMI or Service ADVISOR for up to date information.			Last Updated: September 13, 2013	
Model	Description	Hydraulic Factory Fill	Hydraulic Field Service Fill	Transmission / Hydrostatic Factory Fill	Transmission / Hydrostatic Field Service Fill	Differential / Tandem / Bogie Factory Fill	Differential / Tandem / Bogie Field Service Fill	Final Drive / Swing Gearbox [PG] / Travel Gearbox Factory Fill	Final Drive / Travel Gearbox Factory Fill	
753J, 759J	Tracked Feller Buncher	TORQ-GARD 10W-30 (Summer) AW32 (optional) Hydrau-46 Plus (optional) Plus-50 II OW-40 (All Season)	TORQ-GARD 10W-30 (Summer) Hydrau-46 Plus (optional) Plus-50 II OW-40 (All Season)	Common Sump [Hydraulic/Hydrostatic]	TORQ-GARD 10W-30 (Summer) Plus-50 OW-40 (All Season)	Not Applicable	Not Applicable	Hy-GARD [PG] GL-5 (80W-90) [SG]	GL-5 (85W-140)	
853J, 903J, 909J, 953J, 959J (S.N. --150612)	Tracked Feller Buncher	Esso Univis N68 (Summer) Esso Univis N32 (Winter)	Hydrau-46 Plus	Common Sump [Hydraulic/Hydrostatic]	Hydrau-46 Plus	Not Applicable	Not Applicable	GL-5 (80W-140) [SG]	GL-5 (80W-90)	
853J, 903J, 909J, 953J, 959J (S.N. 150613--)	Tracked Feller Buncher	TORQ-GARD 10W-30 (Summer) AW32 (optional) Hydrau-46 Plus (optional) Plus-50 II OW-40 (All Season)	TORQ-GARD 10W-30 (Summer) Hydrau-46 Plus (optional) Plus-50 II OW-40 (All Season)	Common Sump [Hydraulic/Hydrostatic]	TORQ-GARD 10W-30 (Summer) Plus-50 OW-40 (All Season)	Not Applicable	Not Applicable	Hy-Gard [SG]	Hy-Gard	
903K, 909K, 953K, 959K	Tracked Feller Buncher	TORQ-GARD 10W-30 (Summer) AW32 (optional) Hydrau-46 Plus (optional) Plus-50 II OW-40 (All Season)	TORQ-GARD 10W-30 (Summer) Hydrau-46 Plus (optional) Plus-50 II OW-40 (All Season)	Common Sump [Hydraulic/Hydrostatic]	TORQ-GARD 10W-30 (Summer) Plus-50 OW-40 (All Season)	Not Applicable	Not Applicable	GL-5 (80W-140) [SG]	GL-5 (80W-140)	
643H, 843H	Wheeled Feller Buncher	Hy-GARD	Hy-GARD	Hy-GARD [2 Spd Gear Case]	Hy-GARD	Hy-GARD	Hy-GARD	Hy-GARD [PG]	Not Applicable	
643J, 843J (S.N. --614316)	Wheeled Feller Buncher	Esso Univis N68	Hydrau-46 Plus	Hy-GARD [2 Spd Gear Case]	Hy-GARD	Hy-GARD	Hy-GARD	Hy-GARD [PG]	Not Applicable	
643J, 843J (S.N. 614317--)	Wheeled Feller Buncher	TORQ-GARD 10W-30	TORQ-GARD 10W-30 Plus 50 II OW-40 (All Weather)	Hy-GARD [2 Spd Gear Case]	Hy-GARD	Hy-GARD	Hy-GARD	Hy-GARD [PG]	Not Applicable	
643K, 843K	Wheeled Feller Buncher	TORQ-GARD 10W-30	TORQ-GARD 10W-30 Plus 50 II OW-40 (All Weather)	Hy-GARD [2 Spd Gear Case]	Hy-GARD	Hy-GARD	Hy-GARD	Hy-GARD [PG]	Not Applicable	
540G-III, 548G-III (S.N. --603319)	Skidder	Hy-GARD	Hy-GARD	Hy-GARD	Hy-GARD	Hy-GARD	Hy-GARD	Not Applicable	Not Applicable	
540G-III, 548G-III (S.N. 603320--)	Skidder	TORQ-GARD 10W-30	TORQ-GARD 10W-30	Hy-GARD	Hy-GARD	Hy-GARD	Hy-GARD	Not Applicable	Not Applicable	
640G-III, 648G-III (S.N. --604613)	Skidder	Hy-GARD	Hy-GARD	Hy-GARD	Hy-GARD	Hy-GARD	Hy-GARD	Not Applicable	Not Applicable	
640G-III, 648G-III (S.N. 604614--), 640H, 648H	Skidder	TORQ-GARD 10W-30	TORQ-GARD 10W-30	Hy-GARD	Hy-GARD	Hy-GARD	Hy-GARD	Not Applicable	Not Applicable	
748G-III (S.N. --603319)	Skidder	Hy-GARD	Hy-GARD	Hy-GARD	Hy-GARD	Hy-GARD	Hy-GARD	Not Applicable	Not Applicable	
748G-III (S.N. 603320--), 748H	Skidder	TORQ-GARD 10W-30	TORQ-GARD 10W-30	Hy-GARD	Hy-GARD	Hy-GARD	Hy-GARD	Not Applicable	Not Applicable	
848G (S.N. --001028)	Skidder	Esso Univis N32	Hydrau-46 Plus	Esso Hydraul 56 (Summer) Esso Hydraul 50 (Winter)	Hydrau-32 Plus Hydrau-46 Plus	GL-5 (75W-90) (with Suraco 7098)	Hy-GARD	Not Applicable	Not Applicable	
848G (S.N. 001029--)	Skidder	Esso Univis N32	Hydrau-46 Plus	Hy-GARD	Hy-GARD	Hy-GARD	Hy-GARD	Not Applicable	Not Applicable	
848H	Skidder	TORQ-GARD 10W-30	TORQ-GARD 10W-30	Hy-GARD	Hy-GARD	Hy-GARD	Hy-GARD	Not Applicable	Not Applicable	
335C, 435C, 437C, 535-II (S.N. --149244)	Knuckleboom Loader	Esso Univis N68	Hydrau-46 Plus	Not Applicable	Not Applicable	Not Applicable	Not Applicable	GL-5 (75W-90) [SG]	Not Applicable	
335C, 437C (S.N. 149245--)	Knuckleboom Loader	TORQ-GARD 10W-30 (Summer) Plus-50 II OW-40 (All Season)	TORQ-GARD 10W-30 (Summer) Plus-50 II OW-40 (All Season)	Not Applicable	Not Applicable	Not Applicable	Not Applicable	GL-5 (75W-90) [SG]	Not Applicable	
335D, 437D	Knuckleboom Loader	TORQ-GARD 10W-30 (Summer) Plus-50 II OW-40 (All Season)	TORQ-GARD 10W-30 (Summer) Plus-50 II OW-40 (All Season)	Not Applicable	Not Applicable	Not Applicable	Not Applicable	GL-5 (75W-90) [SG]	Not Applicable	