


SERVICE INFORMATION				TSB 00.00 2021-001 Oil and Lubrication	
		Written By		Jorge Borrayo	
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02 26 2021		Hydraulic oil, fluids and grease recommendations			

Our pumps are filled with the following fluids unless otherwise specified on the build report

Lubricants and Fluids	Brand Shell	Special Recommendations
Hydraulic oil	TELLUS S3 V46	Change at 1,000 hrs (Oil test is recommended)
Gear oil (PTO)	SPIRAX S2 A80W-90	(Break in at 100 hrs)
Gear oil (Reduction gear box)	OMALA S2 G 150	(Break in at 100 hrs)
Auto-greasing System	GADUS S2 V220	
Boom and Outrigger	GADUS S2 V220AC	

Hydraulic Oil vs Environment Temperature

-10C to +10C (14F to 50F) use 32 weight

+10C to +30C (50F to 86F) use 46 weight

+30C to +50C (86F to 122F) use 68 weight

P.T.O. oil: Change every 250 engine hours or 10,000km (6,000 miles)

First change at 100 hours (break in period)

Auto-greaser electric:

-20C to +70C (-4F to 158F) use grade 2 grease

-20C to 0C (-4F to 32F) use grade 1 or 0 grease

Auto-greaser hydraulic: Use grade 00 grease