


SERVICE INFORMATION				TSB 00.00 2021-001 Rev.1 Oil and Lubrication	
		Written By		Jorge Borraro	
Page Count	(1) Page	Department		Service	
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 pumping 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