



DATE: January 24, 2001

SUBJECT: TOP DRIVE GEARCASE OIL CAPACITY

SERIAL NUMBERS: ALL

DISCUSSION: To achieve optimum performance from the Top Drive unit, proper oil levels should be maintained. This will ensure adequate lubrication while preventing over-heating. Excessive oil in the Gearcase can create heat when the Top Drive is running at or near maximum RPM.

RECOMMENDATION: Oil should be changed at planned intervals of 60 days or 1000 drilling hours or less. Oil should never be permitted to become visibly contaminated with mud or water, which will cause rapid bearing failure. If there is any doubt about the oil quality, it should be changed even though the change interval has not expired. Refer to Gearcase Capacity Chart for oil quantities.

Top Drive Gearcase Oil Capacity

Top Drive Model	US Gallons	Litres	Oil Level	
			Below Gearcase Window	
6027E	10	38	1/2"	13 mm
8035E-500	10	38	1/2"	13 mm
1050E-500	10	38	1/2"	13 mm
1050E-712	12	45	1/2"	13 mm
1165E-712	12	45	1/2"	13 mm
1250AC-681	10	38	3/4"	19 mm
1265AC-681	10	38	3/4"	19 mm
1275AC-681	10	38	3/4"	19 mm

INFORMATION:

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