

CHAPTER 2

LUBRICATION AND SERVICE

2-1. SCOPE. This chapter provides instructions for servicing and minor maintenance of the drilling machine. Procedures are included for lubrication of various components. Maintenance procedures are included for items that require periodic replacement, and for items that are subject to become excessively worn.

2-2. GENERAL. The following procedures should be performed as indicated to obtain long life and best performance from the drilling machine.

2-3. ENGINE LUBRICATION.

a. Check the oil level daily before starting the engine. Add oil, if necessary, to bring it to the proper level on the dipstick.

NOTE

If the engine has just been stopped, wait approximately twenty minutes to allow the oil to drain back to the oil pan before checking the oil level.

b. Changing Engine Oil. The oil filter should be replaced each time the oil is changed. The engine oil should be at normal operating temperature when changed to ensure maximum suspension and drainage of minute foreign particles.

NOTE

It is recommended that new engines be started with 100 hour oil change periods. The drain interval may then be gradually increased or decreased based on an oil sample analysis.