

## OIL AND FILTER INSPECTION

LU05G-02

### 1. CHECK OIL QUALITY

Check the oil for deterioration, entry of water, discoloring or thinning.

If oil quality is visibly poor, replace the oil.

#### Oil grade:

**API grade SH, Energy-Conserving II or SJ, Energy-Conserving or ILSAC multigrade engine oil. Recommended viscosity is as shown in the illustration.**

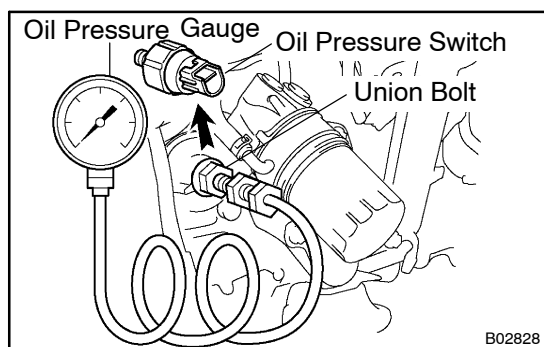
### 2. CHECK ENGINE OIL LEVEL

After warming up the engine and then 5 minutes after the engine stop, oil level should be between the low level and full level marks of the dipstick.

If low, check for leakage and add oil up to the full level mark.

#### NOTICE:

**Do not fill with engine oil above the full level mark.**



### 3. REMOVE OIL PRESSURE SWITCH, AND INSTALL OIL PRESSURE GAUGE

- Disconnect the oil pressure switch connector.
- Using SST, remove the oil pressure switch.  
SST 09816-30010
- Install an oil pressure gauge.

### 4. WARM UP ENGINE

Allow the engine to warm up to normal operating temperature.

### 5. CHECK OIL PRESSURE

#### Oil pressure:

##### At idle

**49 kPa (0.5 kgf/cm<sup>2</sup>, 7 psi) or more**

##### At 3,000 rpm

**324 kPa (3.3 kgf/cm<sup>2</sup>, 47 psi) or more**

### 6. REMOVE OIL PRESSURE GAUGE AND REINSTALL OIL PRESSURE SWITCH

- Remove the oil pressure gauge.
- Tighten the union bolt.
- Apply adhesive to 2 or 3 threads of the oil pressure switch.

#### Adhesive:

**Part No.08833-00080, THREE BOND 1344, LOCTITE 242 or equivalent**

- Using SST, install the oil pressure switch.  
SST 09816-30010

**Torque: 15 N·m (150 kgf·cm, 11 ft·lbf)**

- Connect the oil pressure switch connector.

### 7. START ENGINE AND CHECK FOR LEAKS

