

**Category C** (2004) is updated as a catalyst compatible oil for gasoline and diesel engines with after treatment devices (DPF = Diesel Particulate Filter; TWC = Three Way Catalyst).

**C1** Stable, stay-in-grade oil intended for use as catalyst compatible oil in vehicles with DPF and TWC in high performance car and light van diesel and gasoline engines requiring low friction, low viscosity, low SAPS (Sulfated Ash, Phosphorus and Sulfur) limits with a HTHS (High Temperature/High Shear rate viscosity) higher than 2.9 mPa. These oils will increase the DPF and TWC life and maintain the vehicles fuel economy. The SAPS makes this a composition limitation category.

**C2** Stable, stay-in-grade oil intended for use as catalyst compatible oil in vehicles with DPF and TWC in high performance car and light van diesel and gasoline engines designed to be capable of using low friction, low viscosity oils with a HTHS higher than 2.9 mPa. These oils will increase the DPF and TWC life and maintain the vehicles fuel economy.

**C3** Stable, stay-in-grade oil intended for use as catalyst compatible oil in vehicles with DPF and TWC in high performance car and light van diesel and gasoline engines. These oils will increase the DPF and TWC duration. HTHS requirement is 3.5 mPa minimum (unlike C1 or C2) resulting in less fuel economy requirements. The TBN has a 6.0 minimum (no minimum for C1 or C2).

**C4** Stable, stay-in-grade oil intended for use as catalyst compatible oil in vehicles with DPF and TWC in high performance car and light van diesel and gasoline engines requiring low SAPS oil with HTHS higher than 3.5 mPa. These oils will increase the DPF and TWC life.