

PC-10 Draft User Language

DEOAP Version 1 -

The API CJ-4 requirements describe oils for use in those high-speed four-stroke cycle diesel engines designed to meet the on-highway exhaust emission standards being implemented for 2007 model year as well as for previous model years. These oils are compounded for use in all applications with diesel fuels ranging in sulfur content up to 500 ppm (0.05% by weight). However, the use of these oils with greater than 15 ppm (0.0015% by weight) sulfur fuel may impact aftertreatment system durability and/or oil drain interval.

These oils are especially effective to sustain emission control system durability, where, particulate filters and other advanced aftertreatment systems are used. Optimum protection is provided for control of catalyst poisoning, particulate filter blocking, engine wear, piston deposits, low and high temperature stability, soot handling properties, oxidative thickening, foaming, and viscosity loss due to shear.

(Note – add ACC protocol paragraph from prior categories)

API CJ-4 oils exceed the performance criteria of API CI-4, CI-4 PLUS, CH-4, CG-4 and CF-4 and can effectively lubricate engines calling for those API Service Categories. When using CJ-4 oil with higher than 15 ppm sulfur fuel consult the engine manufacturer for service interval.