

New Diesel Lubricating Oils - December 2016

Prior to PC-11, nearly every new category has been backwards compatible. PC-11, however, will be divided into two subcategories to offer both backwards compatibility to current engines, as well as advanced chemistry for engines manufactured in the future.



PC-11A: Licensed as API CK-4

Offering upgraded protection for all new and older heavy-duty diesel engines.

- Backwards compatible in applications calling for API CJ-4, CI-4 PLUS, CI-4 and CH-4
- Traditional high-temperature, high-shear viscosity
- Improved oxidation, shear stability and aeration performance



PC-11B: Licensed as API FA-4

Formulated for use in the next generation of more fuel-efficient on-highway diesel engines.

- Reduced high-temperature, high-shear viscosity
- Improved fuel economy in engines designed to operate with lower HTHS
- Improved oxidation, shear stability and aeration performance
- May be backwards compatible with some current engine models

Both API CK-4 and API FA-4 feature upgrades in additive chemistry, leading to increased oxidation stability, shear stability and aeration control.

Since API FA-4 oils have lower HTHS viscosity, there is less resistance on moving parts in engines that are designed to operate with these oils, resulting in improved fuel economy.

Common API CK-4 oil viscosity grades:

- SAE 15W-40
- SAE 10W-30
- SAE 5W-40
- SAE 5W-30

Common API FA-4 oil viscosity grades:

- SAE 10W-30
- SAE 5W-30