2018 Coolant Change from OAT to P-OAT

Models Affected: 2018 Expedition/Navigator
-2018-2019 MY and beyond E-Series, F-Super Duty (All body styles), F650/750
-2019 MY Transit (All Models)
-2019 MY F-150

Description: Ford Motor Company production of vehicles have changed its current engine coolant formulation from OAT(ORANGE color) to P-OAT (Yellow color) starting:
2019 F-150/Transit vehicles built on or after 2-Jan-2019

- These vehicles are filled with the new Motorcraft Yellow Antifreeze/Coolant.

When servicing the cooling system(s) on these vehicles, use Motorcraft Yellow Antifreeze/Coolant VC-13-G (CVC-13-G for Canada). Do not mix different colors or types of coolant. NOTE: The Motorcraft Yellow Antifreeze/Coolant may appear green in color due to the florescent dye used.

Ford recommends that the builders review with their suppliers the coolant containing components that they add or install for compatibility with the new coolant.

Background:

OAT = Organic Acid Technology. Current global OAT is orange. OAT coolant has organic acids to provide long term corrosion protection.

P-OAT = low Phosphate Organic Acid Technology. P-OAT is yellow with slight fluorescence. The phosphate and stabilizers as well as organic acids in P-OAT provide immediate corrosion protection as well as increased service life.

The corrosion protection package in P-OAT (phosphorous, organic acids, yellow metal additives, etc.) provides increased service life and corrosion protection over OAT.

NOTE: Mixing OAT and P-OAT coolants is not recommended. P-OAT coolant is compatible with OAT coolant; however, coolant service interval will be difficult to determine when the coolants are mixed. For this reason, Ford does not recommend mixing OAT and P-OAT coolants.

Specification:
- Ford part name or equivalent: Motorcraft Yellow Pre-diluted Antifreeze/Coolant
- Specification number: WSS-M97B57-A2
- Ford part number: VC-13-G (concentrated), VC-13DL-G (pre-diluted)