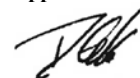


F4 Coolant Type

Technical Bulletin # F4-2021-EN001-00

Approval



This Technical Bulletin provides information concerning the specified coolant type for Honda F4 engines. Previous specification was for demineralized water and MoCool water additive at a 5% mixture. This update allows the use of an equivalent corrosion inhibitor incase MoCool is not available to the customer.

Engine Operating Specifications

Oil type	0W20 synthetic (Mobil1 or equivalent)
Oil capacity	Approximately 10 quarts
Oil pressure at idle	Greater than 3 Bar (45 PSI)
Oil pressure above 5000 RPM	Greater than 5 Bar (72 PSI) and not to exceed 7.5 Bar (110 PSI)
Oil Temperature Standard Operating Range*:	60°C (140°F) - 110°C (230°F)
Oil Maximum Operating Temperature:	115°C (239°F).
Oil Minimum Operating Temperature*:	40°C (104°F).
Coolant Type:	Demineralized water. HPD recommends MoCOOL water additive or an equivalent corrosion inhibitor at a 5% mixture.
Coolant capacity:	Fill to approximately 1" above the bottom of the expansion tank while running. Occasionally verify that the level did not drop. If so, inspect for leaks. Install the cap while engine / coolant is cool.
Coolant Temperature Standard Operating Range*:	70°C (158°F) - 100°C (212°F)
Coolant Maximum Temperature:	105°C (221°F)
Coolant Minimum Temperature*:	60°C (140°F). Avoid any high engine load until the engine has reached operating temperature.
Spark Plug Gap:	0.7-0.8 mm (.0275"-.0315")
Fuel type:	91 Octane
Fuel Supply Pressure:	45-65 psi

*NOTE: Avoid high engine load until the engine has reached operating temperature.

If you have any questions regarding the content of this bulletin, please contact John Whiteman at jwhiteman@na.honda.com or GRMS Admin at GRMSAdmin@hra.com.

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