

FRA Coolant Type

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This Technical Bulletin provides information concerning the specified coolant type for Honda FRA 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	Red line Pro Series 0W20. No other oils are approved at this time.
Oil capacity	Approximately 11 quarts. Upon fill up, use the Ligier dip stick for accuracy (Fig.1). The minimum mark represents 9 quarts. The maximum mark represents 11 quarts. The middle mark will achieve an oil level which is 4" above baffle surface. Confirm with warm oil and engine running. Note: the oil pressure filtered data trace needs to be reviewed frequently, as it is a good indicator of the health of the oiling system.
Oil change interval	Note: it is recommended to change the oil for each race weekend/track test or 500 miles whichever comes first. Change oil filter for each oil change.
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:	Approximately 4 Gallons. After the engine has warmed up and cooled down, the fill should be approximately 2" below the top of the expansion tank while running.

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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