

6-SEP-2018 18:16:07

Mass Total

lb

Current_Value: 27028.91

Weight of mixed retardant loaded on Airtanker in Pounds

Density

g/cm³

Current_Value: 1.0800

Value shown is current density going through the meter, this value may "fluctuate outside the acceptable range, however the Average Density MUST be within acceptable limits to be considered properly mixed."

Average Density

g/cm³

Current_Value: 1.0800

Acceptable specific gravity range for mixed retardant: 1.071 – 1.088

OPTIMAL: 1.0800

Temperature

degF

Current_Value: 60.87

Current Value temperature of retardant flowing through micro motion.

- What is an acceptable refractometer reading for LC-95A-FX? A range of 12.0-14.5

- How do you calculate gallons for LC-95A-FX? $Gallons = \frac{mass\ total\ value}{9.01}$
- 9.01 LBS/Gallon = 1.071-1.088 Specific Gravity

*** Round Decimal to nearest whole number***

- Per the **Long-Term Fire Retardant Characteristics and Mix Factors** sheet, if numbers are outside of the acceptable range for either density or refractometer readings effectiveness of the load is reduced on the fire or may be outside of specifications of the contract. Inform the base manager or mix master of the discrepancy immediately.
- https://www.fs.fed.us/rm/fire/documents/qpl_ret_2017-Sept.pdf