

UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE
SPECIFICATION FOR
PUMP, LIGHTWEIGHT, PORTABLE

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3.2.1. Engine.

Add the following sentence:

The fuel system, to include all components beginning at the fuel tank to and including the carburetor, shall not leak when a full fuel can is positioned above the pump at a vertical height equal to the length of the fuel line.

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4.7.4.1. Suction Lift.

Replace the first sentence with the following:

All pump testing shall be conducted at a 5 foot (1.52 m) +/- 3 inches (76 mm) suction lift.

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4.7.4.4. 100-Hour Endurance Performance Test.

Replace the fourth sentence with the following:

For example, multiply the square root of 0.85 with each value of the corrected curve
($p_2 = [p_1 \times (\text{square root of } 0.85)]$; $f_2 = [f_1 \times (\text{square root of } 0.85)]$).