



DEPARTMENT OF TRADE AND COMMERCE
STANDARDS BRANCH

S.WA-600

OTTAWA, July 15, 1966.

APPROVED: AUTOMOTIVE OIL DISPENSING METERS Models C-3680-B, C-3685-CB and C-3688-C
manufactured by Stewart-Warner Corporation of Canada Limited, Belleville, Ontario.

<u>Model No.</u>	<u>Description</u>
C-3680-B (for gear oil)	Same as model 3689-C on SD-WA.281, except that the dial capacity is 8 pints and there is only one indicator. Meter elements are of Stewart-Warner manufacture.
C-3685-CB (for motor oil)	A slight change in appearance from previously approved models, including the 3680-B and 3688-C on this circular, as it is the first model approved using Badger metering elements rather than those of Stewart-Warner manufacture. Outer dial 0 to 4 quarts, subdivided into pints, inner dial 0 to 16 quarts, totalizer 4 digit for capacity of 9999 quarts.
C-3688-C (for ATF)	Same as model 3686-C on SD-WA.314, except it does not have a totalizer. Outer dial 0 to 4 quarts subdivided into pints, inner dial 0 to 16 quarts in quarts. Metering elements of Stewart-Warner manufacture.

Rating of Apparatus: Maximum $4\frac{1}{2}$ gpm and minimum $\frac{1}{2}$ gpm for all models.

Application: Dispensing gear oil, motor oil and automatic transmission fluid in retail trade.

Conditions: The pump supplying oil to the meter must be equipped with a float valve which will close and stop the pump from drawing liquid before the liquid level is low enough for air to be entrained, or some other equally effective device in lieu of a float valve. All nozzles must be equipped with anti-drain valves or their equivalent, and all pumping units with non-return check valves to keep the hose under pressure and prevent air from being drawn in backwards through the meter under certain conditions of operation.


Description: The meters employ the oscillating-piston type metering element. Mechanical clearances are kept small so that a meter in tolerance on SAE 10 oil will be in tolerance also on SAE 90 oil and, of course, on the various grades in between.

Testing: The standard tests for a small capacity meter shall apply.

Reference: SW-85-S1
SL-102-233 (These devices have been approved by letter for several years)

Note: Approval is granted under the Weights and Measures Act, Chapter 292, and Regulations thereunder (P.C. 6894) for use in Canada under the general conditions of P.C. 6894, and under any special conditions listed above.


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