



DEPARTMENT OF TRADE AND COMMERCE  
STANDARDS BRANCH

S.WA-701

OTTAWA, November 16, 1967.

APPROVED : PETROQUIP - AUTOMOTIVE OIL DISPENSING METERS

manufactured by: Petroquip Limited, Toronto

Apparatus Listed: Hand held meter, complete with control valve, for dispensing automotive oils directly to the vehicles; model numbers as follows:

<u>Model No.</u>	<u>Description</u>
17007	Automotive oils meter with outer dial graduated 0 to 8 pints; no inner dial or totalizer.
17008	Automotive oils meter with outer dial 0 to 4 quarts, inner dial 0 to 16 quarts, and totalizer to 9,999 quarts.

Rating of Apparatus: Maximum capacity 1 gpm.

Application: Dispensing automotive crank case oil and gear oil in retail trade.

Conditions: The pump supplying oil to the meter must be equipped with a float-operated valve which will close and stop the pump from drawing in liquid before the liquid level is low enough for air to be entrained. The pumping unit must be equipped with a non-return check valve to keep the hose under constant pressure and to prevent air from being drawn in backwards through the meter under certain conditions of operation.

Description: The meter employs the oscillating-piston type of metering element. Mechanical clearances are kept small, so that generally a meter which is in tolerance on SAE10 oil will also be on tolerance SAE90 oil and on the various grades in between. A typical pump with float operated valve and non-return check valve is shown in the illustration.

Testing: Model 17007 will be tested on motor oil and marked 10-30.

Model 17008 will be marked for gear oil 80-90, or if it meets tolerances on both SAE10 and SAE90 oils, no grade need be marked.

Petroquip will provide appropriate test facilities and test measures.

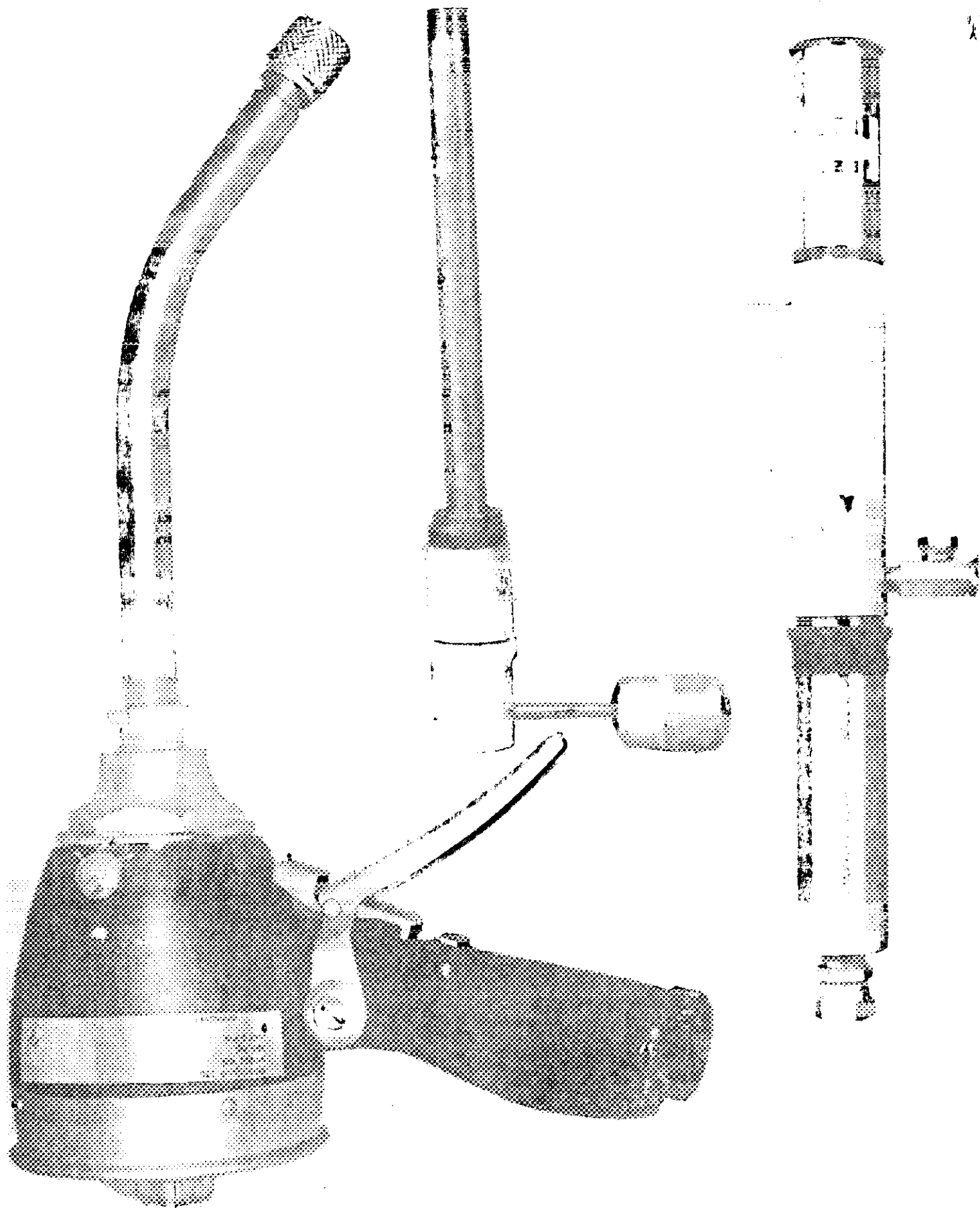
References: SW-95-P2  
SL-102-676

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.

*J. L. Armstrong*  
J. L. Armstrong,  
Chief, Weights and Measures Division,  
Standards Branch.

*R. W. MacLean*  
R. W. MacLean,  
Director,  
Standards Branch.

PETROQUIP - AUTOMOTIVE OIL DISPENSING METER



Meter and Pumping Unit with Float-Valve and Check Valve