

TRADE AND COMMERCE
CANADA

STANDARDS DIVISION

OTTAWA, June 9, 1958.

APPROVAL LISTING

SCHWELM GASOLINE AND OIL MIXING DISPENSER

Under the provisions of the Weights and Measures Act, Chapter 292, R.S.C. 1952, and Regulations thereunder (P.C. 6894), the apparatus specified and illustrated herein has been listed as an approved device and may be used in Canada in accordance with the conditions applicable.

Apparatus Listed: Computing gasoline and oil mixing dispenser, Model MS100K manufactured by Schwelmer Eisenwerk Muller and Company, Schwelm, Westfalen, Germany.

Rating of Apparatus: 10 G.P.M.

Application: Retail dispensing of gasoline or gasoline and oil mixture for two cycle gasoline engines.

Conditions: As prescribed in P.C. 6894.

Description: This device is a computing dispenser designed to dispense by selection: (1) gasoline (2) gasoline and oil mixture 20: 1 ratio (3) gasoline and oil mixture 16 2/3: 1 ratio. The gasoline is pumped from a remote storage tank by a rotary pump to the gasoline meter. The oil is stored in a compartment in the top of the dispenser and flows by gravity to the combination oil metering pump. The oil meter pump is driven by a gear system from the gasoline meter. This gear system disconnects when 100% gasoline is selected or the required gear change is introduced in the gear system when a mixture is selected. The selection appears in a window in the dispenser casing when the selection is made and is so interlocked that it cannot be changed during delivery. Two separate hoses carry the oil and gasoline to a single dispensing nozzle where it is mixed. The gasoline meter is a positive displacement type with twin parallel cylinders and the oil meter pump is also a positive displacement type with two opposed cylinders. A two way valve with a separate discharge outlet and check valve is located in the oil discharge line inside the dispenser casing, on the side equipped with a hinged panel.

.....2

SD-A-359

SHELL GASOLINE AND OIL MIXING DISPENSER
MODEL NS100K

