



Photograph of Canadian Oil Companies, Limited, Petrolia, Ontario, Refinery



Always the Sign of Absolutely Unqualified Satisfaction

CANADIAN OIL COMPANIES, LIMITED, is one institution properly considered National in character, producing only highest quality products. It enjoys the merited confidence of hundreds of thousands of Farmers, and in all its history its trade-mark brands, NATIONAL Petroleum Products, stand for a Square Deal with the biggest dollar-for-dollar values.

*J. W. Littlefield*  
Secretary and General Manager

## Why NATIONAL Carbonless Motor Oil Is Better—Why It Costs More—How It Is Made

Steam that escapes through a tea-kettle spout, if caught and condenses, would be pure water.



Distilled water is manufactured on this same idea, only on a larger scale.

Along the sides and at the bottom of the tea-kettle, scale is formed and accumulates—the residue that is left over after the passing of the water into steam.

The same principle that manufacturers of distilled water use is carried out largely in the manufacture of National Carbonless Motor Oil.

Imagine a tea-kettle that will hold 25,000 gallons, then you have some idea of an oil still, used for this purpose. Into these huge stills goes selected Crude Oil from which National Carbonless Motor Oil is always refined, where the oil is heated until it forms a vapor. This vapor is then condensed into a liquid distillate (the same as the vapor from a tea-kettle spout becomes condensed), further refined and then filtered. The result is a clear, clean, carbon-free motor oil—National Carbonless Motor Oil. Residue oils left over in the still never enter into the manufacture of

National Carbonless Motor Oil. Where such residue is used an oil is made of very inferior lubricating properties, and can be and is sold at one-half the price of National Carbonless Motor Oil made as by our own scientific process.

A motor oil loaded with residue will break under heat and fail to perform its function. The residue and deposit which becomes incandescent, causes pre-ignition under heavy duty, and finally, after continued use, coke-like carbon forms. Just as scale is formed in the tea-kettle.



Suppose you catch and condense escaping vapor from the tea-kettle spout? You have pure water. Place this distilled water in a brand new tea-kettle and reboil it—you will find little, if any, scale in tea-kettle No. 2. The same experiment applies to National Carbonless Motor Oil.

National Carbonless Motor Oil, distilled into a vapor, is further refined and then filtered—leaves no carbon, and lubricates most efficiently.

Why pay hundreds or thousands of dollars for a fine motor car and break it down long before its time by unjustly using low-grade, carbon-form-

ing, ordinary motor oil? Why put up with all the many nuisances? Why not always know positively that your motor car, of whatever make, is perfectly lubricated, as it always will be with National Carbonless Motor Oil?

The amount of money a motorist spends for motor oil is really one of his smallest expenses. It is comparatively a trifle in the long run when satisfaction and perfect motor car efficiency are considered.

National Carbonless Motor Oil is a perfect product. It is the last word in quality, the recognized highest grade Motor Oil, and is your best insurance against repair bills caused by faulty lubrication.

Use National Carbonless Motor Oil from every point of view of satisfaction and permanent economy for perfect lubrication of any make of car.

### Other NATIONAL Products

**White Rose Motor Gasoline.** Always uniform. Every drop is continuous power. Pure, dry, carbon free.

**Ea-ar-co Tractor Oil.** Especially made for modern tractors. Proper body to lubricate most efficiently—saves cash in machinery depreciation.

**National Light Oil.** Bright, clear light for lamps. No smoke, odor, charred wick or chimney. Uniform heat for incubators and brooders. Best for oil heaters and all purposes for which the best burning oil is required.

**National Motor Grease.** For Differential, Compression Cups, Transmission, gives perfect lubrication and is manufactured especially to be used for any and all purposes, all around the motor car.

**Black Beauty Axle Grease.** Insures a smooth, friction-free, wear-resisting axle. No compounds to clog and gum. Goes farther than ordinary grease. Buy it by the pail.

**Order Today—Decide Now to Buy National Products. We will see that you are supplied, no matter where you live.**

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