

PRODUCTS AND USES OF CANADIAN NATIVE OIL.

It is necessary, before going further, that we should elucidate the products and uses of the CANADIAN NATIVE OIL. The practical applications of this abundant natural product are of a most important character. Its general introduction for many purposes of the arts is, unquestionably, only a matter of time, and the due establishment, in the minds of large consumers, of the conviction of a certain and unfailing supply. Dr. Sheridan Muspratt has given the following analysis of the products of Canadian Petroleum by destructive distillation.

100 parts of Enniskillen oil yield, on distillation :—

Light coloured naptha (S. G. .794)	-	-	20
Heavy yellow naptha (S. G. .837)	-	-	50
Lubricating oil, rich in paraffine	-	-	22
Tar	-	-	5
Charcoal	-	-	1
Loss	-	-	2

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100

The specific gravity of the crude oil is .835, being five beyond .830, the standard of specific gravity required in England of the best petroleum.

The light coloured naptha is the Benzine of the manufacturer, which has all the qualities of Benzole, but is of a finer quality and colour.

ITS USE AS AN OIL FOR LAMPS.

Cheap as petroleum is in Canada, there is no reason why, sooner or later, that cheapness may not be made to tell in this country ; for, at 2s. a gallon, it will be unquestionably the cheapest illuminator manufactured. Here, where acids and alkalies are at a low price and abundant, and where all the by-products can be sold with profit, in a ready market, the rectifying and purification of the Canadian Native Oil in a crude state can be carried on at such a rate, as to bring the price equal to that of Canada, and make up the difference of cost, tonnage, freight, and insurance. As a general illuminator, whenever oil is used, there can be little doubt that the low price of Canadian Native Oil, as well as the superior brilliancy of its light, will rapidly diffuse a demand for it throughout Great Britain and the Continent.

The cheapness of petroleum which has already arrested the production of coal oil in the United States, and as we learn by telegraph across the United States from St. Francisco has diminished greatly the number of American vessels engaged in the whaling