



IMPERIAL POLE TREATING OIL

PROCESS OIL

May, 2003

IMPERIAL POLE TREATING OIL is a premium quality mineral oil that offers the following performance advantages when used with PCP in the treatment of utility poles and other wood products:

- .. **Excellent oxidation stability**
- .. **Minimum sludge formation**
- .. **Long service life**
- .. **Lighter and cleaner poles**

Typical Properties:

Density, 20°C, kg/m ³	929.0
Kinematic Viscosity, cst @ 40°C	3.09
Flash Point, PMCC, °C	100
Pour Point, °C	-21
Composition, wt %	
Aromatics	78
Olefins	0.2
Sulphur	<0.1
Penta Solvency, wt %	> 10
Domtar Sludge, wt %	0.56

The values shown above are representative of current production. Some are controlled by manufacturing and performance specifications while others are not. All may vary within modest ranges.

Primary Applications

IMPERIAL POLE TREATING OIL is a premium product that is designed to be used with pentachlorophenol (PCP) for the preservation of wood products such as utility poles, crossarms and railway ties using pressure or thermal treating processes. This product is manufactured to specific quality control targets to ensure that it provides the highest performance characteristics required by the industry; this includes good long term oxidation stability, minimum deposits in the treating and product storage tanks and long service life. The high aromatic content of IMPERIAL POLE TREATING OIL also provides for good solubility characteristics which helps minimize the formation of sludge and deposits on the surface of the wood; this results in treated products which are light coloured and free from excess oil.

Because of its high aromatic content, this product is classified as toxic under the Canadian WHMIS regulation.

Precautions

This material contains polycyclic aromatic compounds (PAC's); avoid prolonged contact with the skin, splashing into the eyes, ingestion or vapour inhalation. Prolonged and/or repeated

skin contact with certain PAC's has been shown to cause skin cancer. Prolonged and/or repeated exposures by inhalation of certain PAC's may also cause cancer of the lung and of other parts

of the body. Personal protective equipment should be worn at all times. Please refer to our ESSO Material Safety Data Sheet for further information.