Esso Imperial Oil

Product Data Sheet

ANTICAKE N

HIGH VISCOSITY DUST CONTROL OILS

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ANTICAKE N Oils are special high viscosity formulations that are intended to provide effective, long term dust control in the production and storage of ores and fertilizer components. The oils can also act as carriers for anticaking additives where needed. In the recommended applications, these oils provide the following benefits:

- **Long term dust control**
- **Good additive compatibility and solubility**
- **Good spray characteristics**
- **Non-toxic**

Primary Applications

ANTICAKE N100, N150 and N300 are mineral oil/asphalt formulations that are intended to provide thick, durable coatings on various types of mineral aggregates and substrates. The formulations are designed to allow for the easy application of these products at high temperatures (spray, paint or dip). On cooling the viscosity of these oils increases significantly on the surface of the material to provide long term dust control. The high viscosity helps produce thick oil films for good particle adhesion and to minimize performance losses resulting from oil migration into the interior of the particle. Two viscosity levels are offered for seasonal and mineral ore variations. Because of their intense black colour, the ANTICAKE N oils are not recommended for use on light-coloured substrates where surface discoloration is unacceptable.

Precautions

ESSO ANTICAKE N oils are manufactured from refined petroleum products. As with all petroleum products, good personal hygiene and careful handling should always be practiced. Avoid prolonged contact with the skin, splashing into the eyes, ingestion or vapour inhalation. Please refer to the appropriate Material Safety Data Sheet for further information on each product.

Note: These products are not controlled under Canadian WHMIS legislation.

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Typical Properties:

	ESSO ANTICAKE N100	ESSO ANTICAKE N150	ESSO ANTICAKE N300
Density, 15°C, kg/m3	892	928	942
Colour	Black	Black	Black
Flash Point, COC, °C	180 min	180 min	180 min
Kinematic Viscosity cst @ 60°C	106	178	407

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.

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