Esso Imperial Oil

Product Data Sheet

Compressor Oil N 100

April 2009

Compressor Oil N-100 is a air compressor oil formulated with highly refined base stocks . The special ISO 100 viscosity mineral oil blend employed produces very small amounts of soft , fluffy carbon deposits when exposed to very high surface film temperatures. This makes the product particularly suitable for use as a once through cylinder lubricant in large reciprocating compressors where heavy exhaust valve deposits have been observed with other oils.

- **Special low carbon-forming tendency formulation**
- **Forms soft fluffy deposits easily removed**
- **Suitable for high exhaust valve temperatures**
- **Cost effective once-through reciprocating compressor cylinder oil**

Primary Applications

Compressor Oil N 100 is designed and recommended as a cylinder oil for large reciprocating compressors in severe service. In many cases it can also be used as a suitable crankcase lubricant; however, if improved corrosion ,foaming and wear protection is required, Compressor Oil 122 is ecommended for crankcase lubrication. Compressor Oil N 100 is also recommended as a general purpose lubricant where a straight mineral oil of ISO 100 viscosity is required.

Precautions

Compressor Oil N 100 is manufactured from high quality petroleum base stocks. As with all petroleum products, good personal hygiene and careful handling should always be practiced. Avoid prolonged contact to skin, splashing into the eyes, ingestion or vapor inhalation. Please refer to our ESSO Material Safety Data Sheet for further information.
Note: This product is not controlled under Canadian WHMIS legislation.

Typical Properties

Grade	ISO 100
Density, kg/m3	908
Flash, C min.	200
Color	1.0
Viscosity cSt. @ 40 C	98.2
CSt. @100 C	9.03
Viscosity Index	49
Pour Point, C	-51
Aniline Point, C	96

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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