

# DURAVAC PRODUCTS

## SATORRENE NORMAL

### DIFFUSION PUMP OIL

Typical Characteristics  
Rev:21-SEP-2015

A thermally stable water white Hydrocarbon distillate oil, depleted of high boiling point residues and decomposition products, having a lower saturated vapour pressure when compared with other oils of similar viscosity. Low in molecular weight distribution the Satorrene range of oils enhance diffusion pump performance without fear of back streaming and centre jet clogging.

**Saturated Vapour Pressure @ 25°C (Test sample 400g) =  $3.2 \times 10^{-8}$  torr**

**Average Boiling Range @  $5.0 \times 10^{-1}$  torr = 20°C**

**Mid Range Boiling @  $5.0 \times 10^{-1}$  torr = 230°C**

**Initial Boiling Point @  $5.0 \times 10^{-1}$  torr = 190°C <0.1gr**

**Molecular Weight (estimated) = 470g/mol.**

**Flash Point >245°C**

**Viscosity @ 40°C = 60.0cSt.**

**Specific Gravity @ 25°C = 0.863g/cm<sup>3</sup>**

**Colour: Water White/straw yellow tint**

**Oil Type: Paraffinic**