



Production of Paraffin & Microcrystalline Waxes at NRL



Numaligarh Refinery has installed a Wax D-eoiling Unit with an investment of Rs.676 crore using CSIR-IIP Technology.

Production Capacity

- 45,000/50,000 TPA Paraffin Wax
- 5000 TPA Microcrystalline Wax
- Basic Design data generated at CSIR-IIP
- PEDP by EIL with IIP's Technical Support

Honourable Prime Minister Shri Narendra Modi dedicated the Wax Plant at Numaligarh Refinery Limited (NRL) to the nation on 5th February, 2016



Wax production unit , NRL, Assam

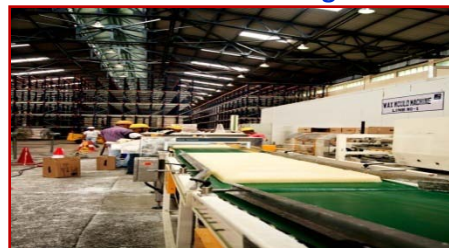


Dewaxing-Deoiling Pilot Plant at CSIR-IIP

Tanks of NRL Wax Plant



View of Wax Slabbing Unit





Economic and Societal Benefits of Commercialization



Creating Future Fuels

- Increase in NRL profitability by Rs. 77.0 crores/annum equivalent to enhanced gross refinery margins by US \$ 0.53 per barrel.
- Significant savings on fixed capital investment and energy consumption compared to foreign technologies
- Wax production at NRL cut down wax import by 50% and saved foreign exchange of ~ US \$ 38 million.
- NRL has started export of paraffin wax to about 20 countries such as Nepal, Kenya, Bangladesh, Mexico, Nicaragua, Thailand and China
- **Societal Benefits** : Wax plant has generated direct jobs (125 persons) and created a new wave of wax entrepreneurs and cottage industries using wax in the **North-East**



Production of paraffin wax at NRL is a great success under 'Make in India'