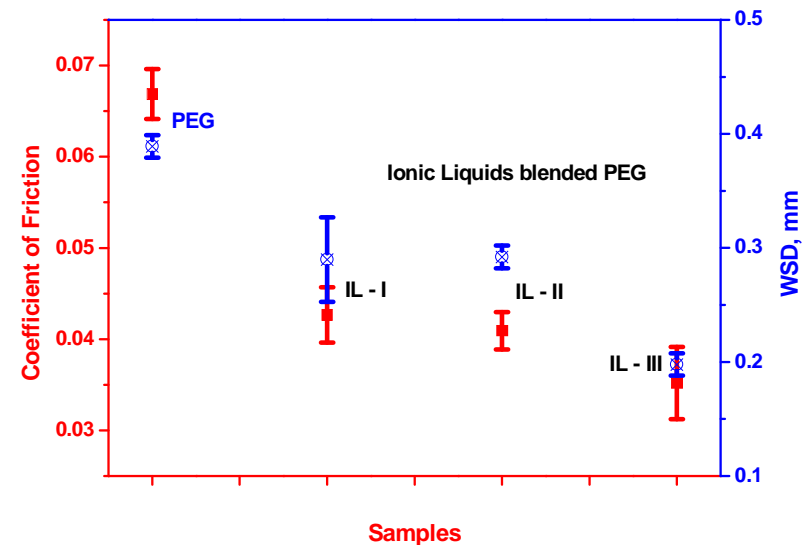
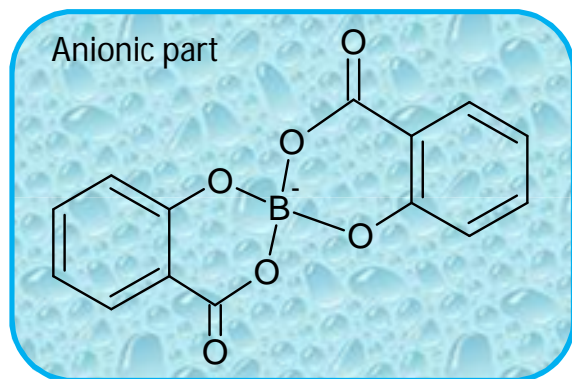


Halogen Free Ionic Liquids: Eco-Friendly and Energy Efficient Lubricant

- Unique physico-chemical characteristics including high thermal stability, negligible volatility and excellent conductivity of ionic liquids promise their scope as lubricant
- Flexible molecular structure with diverse nature of cations and anions
- Inherent polar nature : Facilitates their interaction with sliding surfaces



Key Features

- Reduction in Friction and Wear
- Environment – friendly, No emissions
- Energy Efficient : Huge Energy Saving
- Inherent ionic nature: Lube thin film formation
- Increases machine tools life etc.

Halogen Free Ionic Liquids based on chelated orthoborate anions with their structural variations in cationic part found to have excellent lubricity in terms of friction and wear characteristics.