

HP BCA (Bottom Cracking Additive)

HP-Bottoms cracking Additive (**HP-BCA**) is designed for enhanced bottoms conversion in FCCU. At present, HPCL is importing the additive for FCCU units. Additive was designed based on fine tuning acidity, accessibility and attrition of the raw materials. No raw materials were imported for the additive. Indigenous development made HPCL self-reliant and contributed towards GOI initiatives like Atma Nirbhar Bharat and Make in India. The developed additive is scaled up to 25 tons and demonstrated at VR-FCC unit. HP-BCA has reduced ~0.6% bottoms conversions when compared to base case and its activity is at par with benchmark additives.

