

KF 870 STARS®

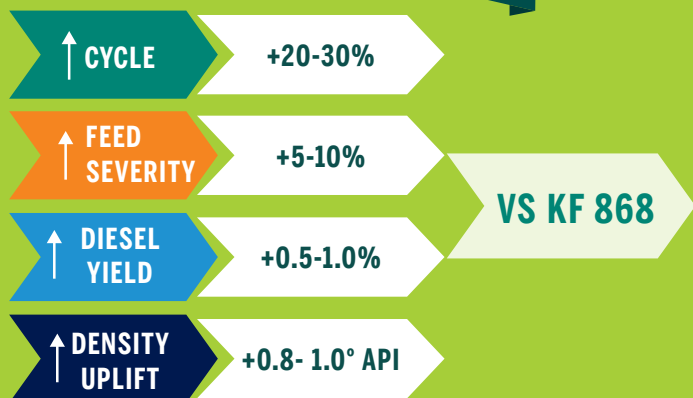
A More Intelligent Catalyst



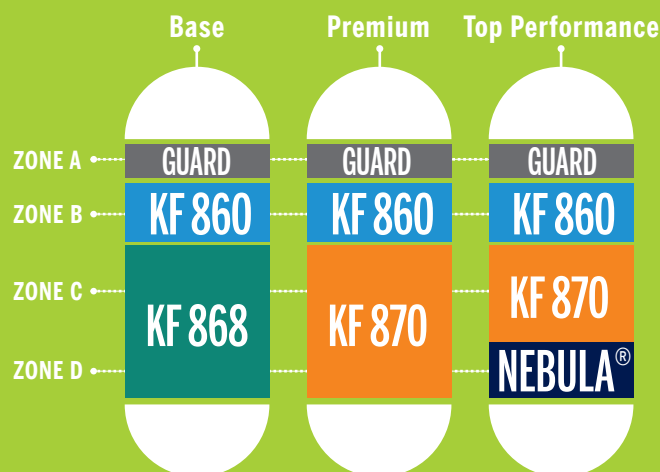
"KF 870 STARS® is the result of collaboration between different disciplines, such as Materials Science, Modeling and Kinetics and Application Technology. This allowed us to create a mental model of how the different functionalities in our catalysts work and how we can improve them. The innovative approach led to **KF 870**, a catalyst that will deliver excellent performance even at the most severe HC-PT process conditions"

Eelko Brevoord
R&D Director

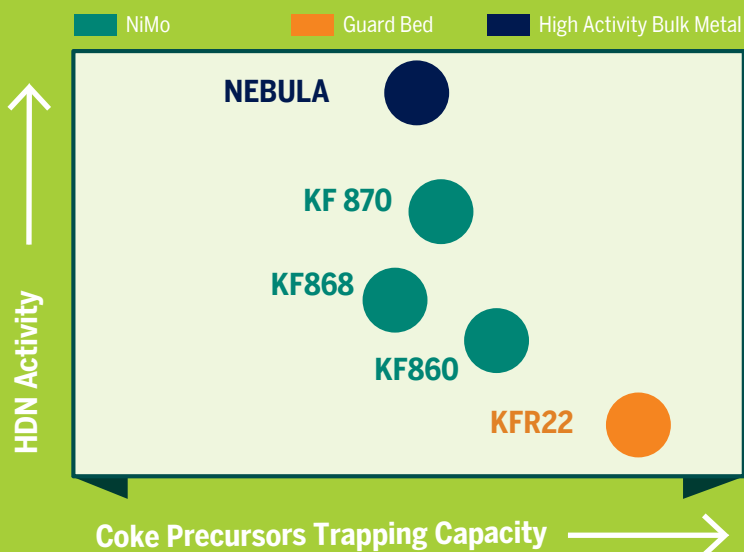
KF 870 STARS®: BOOST HYDROCRACKER PERFORMANCE



HC-PT STAX® SOLUTIONS



HC-PT CATALYST PORTFOLIO



Value Proposition	Base NiMo	Premium NiMo	Top Performance
Cycle Length	Base	+20-30%	+40-50%
Distressed Feed Intake	Base	+5-10%	+10-20%
Diesel Yield	Base	+0.5-1.0%	+1.0-2.0%
Density Uplift	Base	+1° API	+2° API

In 2006, Albemarle and UOP formed the **Hydroprocessing Alliance** to deliver innovative technologies and catalysts to the refining industry. Today, the Alliance represents greater than **160 years of hydroprocessing experience.**

