



Chevron Lummus Global – Advanced Refining Technologies Catalyst Agreement

February 2013 — Chevron Lummus Global (CLG) announced it has signed an agreement with Advanced Refining Technologies LLC (ART) regarding hydrocracking and lubes hydroprocessing catalysts sales, supply and technical services. Under this agreement, ART will have the exclusive right to sell CLG's hydrocracking and lubes hydroprocessing catalysts to CLG's licensees and other petroleum refiners for unit refills. The agreement will streamline hydroprocessing catalyst supply and improve technical service for refining customers by establishing ART as the single point of contact for all their hydroprocessing catalyst needs.

ART, a joint venture between W.R. Grace & Co. and Chevron, is a leading supplier of hydroprocessing catalysts, with a portfolio of distillate hydrotreating, fixed bed resid hydrotreating, and ebullated bed resid hydrocracking catalysts.

CLG, a joint venture between CB&I's Lummus Technology group and Chevron, is a world leader in hydroprocessing technology development and commercialization, with licensing, engineering, and petroleum refining expertise. Its portfolio includes hydrocracking (ISOCRACKING), lubes hydroprocessing (ISODEWAXING and ISOFINISHING), ebullating bed resid hydrocracking (LC-FINING), and hydrotreating (ISOTREATING) technologies.

Scott Purnell, managing director of ART, commented, "We are pleased to add hydrocracking and lubes hydroprocessing catalysts to our current product portfolio. CLG's ISOCRACKING, ISOTREATING, ISODEWAXING, and ISOFINISHING catalysts are proven products that will help our refining customers improve quality and yield. With this new agreement, all of our customers' hydroprocessing catalyst needs can be provided through a single point of contact."

Leon de Bruyn, managing director of CLG, added, "We continually invest to provide our licensees with world-class process technology, catalysts, and support services. This agreement represents a unique combination of ART's well-established portfolio of hydrotreating catalysts, extensive sales network and manufacturing expertise, together with our hydrocracking and lubes hydroprocessing catalyst technologies, and engineering and technical know-how. It will allow our customers to receive broader service and more advanced catalyst materials, and will improve the competitiveness and profitability of their refineries."

Under the agreement, ART will be the worldwide provider for hydrocracking and lubes hydroprocessing catalysts. CLG will continue to focus on its world-class technology development; licensing; design; and revamp of hydrocracking, lubricant base oil, resid hydrotreating, and resid hydrocracking plants globally. Both ART and

CLG customers will continue to have access to the broad depth of Chevron technical service and hydroprocessing operating expertise.

About Chevron Lummus Global

CLG licenses refining hydroprocessing technologies and catalyst systems worldwide, and is a 50-50 joint venture between Chevron U.S.A. Inc. and CB&I's Lummus Technology group. CLG's research and development staff is continuously seeking advancements in catalyst and technology that will improve operating economics. CLG is the leading process technology licensor for alternate sources of fuels including: oil sands bitumen, shale oil, biofuels, and extra heavy oils. For more information about Chevron Lummus Global please visit:

http://www.chevron.com/products/sitelets/refiningtechnology/about_che_tech.aspx

or

<http://www.chevronlummus.com>

About Advanced Refining Technologies

Advanced Refining Technologies (ART) develops and markets hydroprocessing catalysts to the oil refining industry worldwide, and is a 50-50 joint venture between Chevron U.S.A. Inc and W. R. Grace & Co.-Conn. ART's scientists are continuously developing innovative new catalyst technologies to deliver value to its customers and improve their profitability. ART is the leading supplier of hydroprocessing catalysts for the upgrading of heavy residual feedstocks and offers a complete portfolio of solutions for the processing of lighter feedstocks. For more information about ART please visit:

<http://www.e-catalysts.com>

or

<http://www.grace.com/About/Businesses/GCT.aspx>
