WANTONG PETROCHEMICAL IS FIRST TO USE HONEYWELL HYDROTREATING CATALYST TO MAKE ULTRA-LOW SULFUR DIESEL

New catalyst turns lower-quality crude oil into cleaner-burning fuels
without costly plant modification

DES PLAINES, Ill., March 20, 2017 – Honeywell (NYSE: HON) today announced that Wantong Petrochemical Group is producing ultra-low sulfur diesel fuel using Honeywell UOP’s new high-activity HYT-6219 hydrotreating catalyst.

The catalyst, which is part of Honeywell UOP’s Unity™ hydrotreating portfolio, enables Wantong Petrochemical to produce cleaner burning ultra-low sulfur diesel fuel without a costly modification of its existing hydrotreating unit in Donyging in China’s Shandong Province. Hydrotreating is a method of removing sulfur from fuels in the refining process, using proprietary catalysts.

“This Unity hydrotreating catalyst will help Wantong and many other refiners meet new global standards for ultra-low sulfur transportation fuels such as gasoline and diesel, without a costly revamp of its equipment,” said Ken Stacherski, vice president and general manager of Honeywell UOP’s Catalysts, Adsorbents and Specialties business. “The high-activity HYT 6219 catalyst produces high-cetane diesel that meets the China V emissions standard, with sulfur levels lower than Wantong has ever before been able to achieve in its existing unit.”

Today’s announcement marks the first commercialization of a Honeywell UOP hydrotreating catalyst in distillate hydrotreating service since it exited an alliance with Albemarle last year, and follows launches of other hydrotreating catalysts for naphtha,
Honeywell UOP – Wantong HYT-6219

hydrocracking pretreat and fluid catalytic cracking pretreat. The HYT-6219 hydrotreating catalyst is capable of achieving more stringent sulfur regulations of less than 10 parts per million without requiring a costly revamp of the refinery’s existing hydrotreating unit.

Additionally, it allows refiners to take advantage of heavier “opportunity” crudes – oil that is cheaper and more widely available, but which is harder to process -- along with cost-effective systems that meet tighter environmental regulations on fuel quality.

Shandong Wantong Petrochemical Group Co., Ltd. was founded in 1998. The company's line of business includes producing gasoline, kerosene, distillate fuel oils, residual fuel oils, and lubricants.

Honeywell UOP is recognized as the leading developer of advanced catalysts for the refining industry. Its vast lineup of Unity hydroprocessing catalysts deliver solutions for hydrotreating, pretreat and hydrocracking.

Honeywell UOP (www.uop.com) is a leading international supplier and licensor of process technology, catalysts, adsorbents, equipment, and consulting services to the petroleum refining, petrochemical, and gas processing industries. Honeywell UOP is part of Honeywell’s Performance Materials and Technologies strategic business group, which also includes Honeywell Process Solutions (www.honeywellprocess.com), a pioneer in automation control, instrumentation and services for the oil and gas, refining, petrochemical, chemical and other industries.

Honeywell (www.honeywell.com) is a Fortune 100 software-industrial company that delivers industry specific solutions that include aerospace and automotive products and services; control technologies for buildings, homes, and industry; and performance materials globally. Our technologies help everything from aircraft, cars, homes and buildings, manufacturing plants, supply chains, and workers become more connected to make our world smarter, safer, and more sustainable. For more news and information on Honeywell, please visit www.honeywell.com/newsroom.

# # #