ext-Generation Turbine Oils

ConocoPhillips has introduced its next-generation Diamond Class™ Turbine Oil to meet the complex performance demands of power plant gas turbines. According to the manufacturer, this highly advanced turbine oil, a tribranded offering featuring the Conoco, 76 Lubricants and Phillips 66 brands, is formulated from exclusive ConocoPhillips hydrocracked base stocks and offered in three different viscosity grades—*32, 46 and 68*—to provide significant varnish protection. Gas turbines operate at temperatures as high as 500 F, which can quickly break down oils and produce corrosive acid and sludge build-up. This, in turn, could lead to increased maintenance costs for plant operators. The higher oxidative stability and varnish protection these new Diamond Class Turbine Oils provide directly correlates to a cost savings through reduced maintenance activities. *(Editor's Note: A ConocoPhillips spokesperson points to 35,000 hours of laboratory testing with no varnish deposits as confirmation of this enhanced durability of this next-generation turbine oil product.)*

Diamond Class Turbine Oil is filtered to an ISO Cleanliness Code of 18/16/13 for use in circulating systems with tight tolerances where particle contamination can cause operational problems.

ConocoPhillips
Houston, TX

Advanced Food Grade Technology

Inolex's new line of ester-based H1 lubricants remain stable when operating temperatures reach up to 550 F, eliminating the need to use multiple lubricants along a production line. The Lexolube® FG-OCL product series remains liquid after long exposure to high temperatures and, according to the company, shows minimal evaporation or deposits. Lexolube® FG-OCL series can be used in many medium- to high-temperature applications, and most significantly in the lubrication of conveyor chains for baking ovens.

Inolex Chemical Company
Philadelphia, PA