



UOP LLC • 25 East Algonquin Road • Des Plaines, Illinois 60016-6101 • Tel: 847.391.2000 • Fax: 847.391.2253

News Release

Contact: Anita.Black

847.375.7801 Anita.Black@uop.com

June 4, 2002

For Immediate Release

Flying J Commissions First UOP™ TSS System

Des Plaines, Ill., U.S.A. – UOP LLC has announced that the Flying J refinery in North Salt Lake, Utah, USA, has successfully commissioned the first UOP Third Stage Separator (TSS) system for the removal of particulate matter from fluidized catalytic cracking unit flue gas. The UOP TSS system is located downstream of Flying J's new 10,000 BPSD MSCC™ Milli-Second Catalytic Cracking unit. The 25,000 BPSD Flying J refinery in North Salt Lake produces a variety of motor fuels and wax feedstocks.

By using advanced catalyst fines separation technology, UOP has achieved substantial reductions in the size and cost of a TSS vessel, compared to industry standard technology. Initial reports from the refinery indicate the particulate-removal efficiency of the UOP TSS system is similar to that of electrostatic precipitators for flue gas cleaning.

Flying J, headquartered in Ogden, Utah, USA, is a provider of motor fuels for the Inter-Mountain West and of wax feedstock throughout the United States. Flying J/Big West Oil LLC operates the 25,000 BPSD nameplate capacity Flying J Refinery in North Salt Lake.

— more —

UOP LLC, headquartered in Des Plaines, Ill., U.S.A., is a leading international supplier and licensor of process technology, catalysts, adsorbents, process plants, and technical services to the petroleum refining, petrochemical, and gas processing industries.