



7 Sulzer Pumps tests pumps and compressors for the oil and gas industry. The picture shows an injection pump complete with gear box, lube system, and all instrumentation being full-load tested.



10 The modal analysis—the vibration reaction of a structure to systematic excitation—is part of the experimental vibration analysis. Sulzer Innotec carries out such measurements.

Cover:
Sulzer Dusec Plus™ coalescencer for the separation of 2 liquids.

Sulzer Pumps

4 String Testing Oil and Gas Pump and Compressor Packages—

Ensuring Reliability

Sulzer Pumps tests large pump and compressor packages at real-life operating conditions

Red Paley

Sulzer Chemtech

7 Sulzer Separation Technology— **Removing Liquid from Gas**

Sulzer Chemtech provides high-performance gas/liquid separation systems

Daniel Egger, Paul Robinson

Sulzer Turbo Services

10 Upgrading Feasibility Studies for Turbocompressors in **Refinery and Chemical Processes—** **Improving Existing Equipment**

Sulzer Turbo Service adapts existing turbomachines to changed process requirements

John O'Connor

Sulzer Metco

14 Latest Plasma-Spray Technology— **Improved Quality, Reduced Cost and Cycle Times**

The new plasma-spray gun TriplexPro-200™ reduces cost and process time for thermal spray coating

Dave Hawley

Sulzer Innotec

17 Modal and Operating Deflection Shape Analysis **as Damage Analysis Tools—** **Tracking Down Vibrations**

Sulzer Innotec improves the vibration behavior of components, systems, machines, and vehicles

Rudolf Stürchler

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