



REFURBISHING/REPAIR

HOMOGENIZER APV GAULIN MODEL M6

The unit was completely disassembled to expose all drive components, such as valve seat cylinder, 2-stage valve assembly, hydraulic valve actuator, motor, belts, pulleys, bushings, bearings, fasteners, piping, etc.

All machined parts were re-machined and polished to original conditions and tolerances.

All non machined parts like bearings, bushings, seals, belts, motor were replaced to original specifications.

All oxidized parts including pump, hydraulic relief valve, lubrication and cooling water tubing were reworked or replaced.

The tapered valve seat cylinder, the two stage homogenizing valve assembly and the single stage homogenizing valve assembly with 49, 32 and 16 individual parts were stuck in place with little movement caused by oxidized parts and misalignment. High value valve seats, impact rings, valve packing needed to be removed with hydraulic pressure in excess of 50 tons and replaced.

The base and drive components, about 137 individual parts, were reworked to operating conditions.

These components and parts had to be disassembled, inspected, reworked and reassembled. New oil, strainer and belts were installed.



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