
KEY MECHANICAL, COMPANY

RECIPROCATING COMPRESSOR SERVICE SCHEDULE

<u>CLASS "A" SERVICE</u> (approx 8,000 hrs)	<u>CLASS "B" SERVICE</u> (approx 16,000 hrs)	<u>CLASS "C" SERVICE</u> (approx 24,000 hrs)
drain oil & clean crankcase	all services performed during class "A" service, plus:	all services performed during class "A" and "B" services, plus:
install new oil filter	remove piston/connecting rod/liner assemblies	completely disassemble compressor and remove crankshaft
remove cylinder heads & clean coolant passages	clean, inspect, measure, and hone liners (if within spec)	clean and inspect all parts
install new suction valves & valve springs	clean, inspect, measure, and install new rings on pistons	measure all wearing parts and check w/ manufacturer's specs/ tolerances
install new discharge valves & valve springs	clean crankshaft journals and install new connecting rod bearing inserts	install new main and thrust bearings on crankshaft and reinstall in compressor
remove rod cap farthest from oil pump & inspect crankshaft journal	torque connecting rod bolts to manufacturer's spec and install new locknuts (if applicable)	install new oil pump
check & adjust drive coupling or belt alignment	install new shaft seal or rebuild existing w/ new wearing parts, as applicable (optional on class "B")	clean and inspect unloader assemblies
test all safety controls		install new unloader lift pins and springs
start & run compressor to assure proper & safe operation		install new shaft seal or rebuild existing w/ new wearing parts, as applicable
provide written report detailing compressor condition		

Our expert technicians are experienced in overhaul procedures for Mycom, Vilter, York, Carrier, Carlyle, Sabroe, Howe, Frick, and Gram reciprocating compressors