

# Application of **CERACOAT** ceramic COATING



application	examples	ratio	advantages
engines	passenger cars, motorcycles  trucks, agrarian equipment, racing vehicles, industrial tractors, forklifttrucks, contractor machinery, stock cars, ships, taxis, cranes, busses, army vehicles, pumps, mixers, compressors, stationary engines	2 % 2 %	reduction of: friction and wear blow-by fuel and oil consumption noise improvement of: motorflexibility motorperformance
gearboxes transmissions	manual gearboxes of cars, differentials, power steering,  gearboxes and differentials of trucks, all kind of industrial gearboxes, heavy loa-ded and slow rotating boxes, with chan-ging loads i.e. in reactors, cranes, sluices, kneaders, intermittent operating machi-nerly at high bumping loads	2 %	reduction of: friction and wear noise pitting starting torque peak loads improvement of: shift gears performance
bearings	all kinds of bearings	2 %	reduction of: friction and wear noise
tooling machines	all guides of tooling machines, computer controled machines, gearboxes	2 %	reduction of: stick-slip friction and wear improvement of: tolerances production time
metal working	drawing, pressing, stamping, extruding, forging, drilling, cutting, tapping, in many kinds of material like wires, pipes	just try	reduction of: fricion improvement of: tolerances life of tool
gears, chains	gearboxes, elevators, chain saw blades, reduction gears for winches, any gear system	2 % 2 %	reduction of: friction and wear permits higher loads
shock absorbers	all kinds of hydraulic absorbers	2 %	reduction of: friction and wear stick-slip
hydraulic systems	hydro-motors, hydraulic cilinders, presses, elevators, centrifuges, driers, agrarian equipment, cranes, systems with periodicly changing loads, any hydraulic system with oil	2 % 2 %	reduction of: stick-slip friction and wear starting torque energy consumption improvement of: working of servo-system performance