

STEEL GRADE	US	1006	1144	4140
	EUROPE	C7D	Resulfurized 0.44 carbon	42CrMo4
White layer thickness [μm]		17	10	12.5
Oxide layer thickness [μm]		2.5	1	2
Time in salt-spray to first corrosion spot [hours]		339	483	239



The brake piston on the right treated with Nitreg®-ONC showed its 1st corrosion spot after 400 hours in a salt spray test. The brake piston on the left treated with a competitive technology had 60% of its surface corroded after 400 hours.