

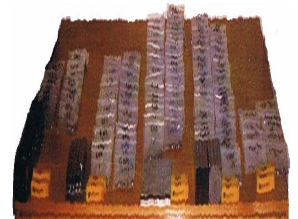
ROLLS ROYCE AEROSPACE

- ▶ **WEAR REDUCTION ON QAJ NICKEL - 20.22 %**
- ▶ **WEAR REDUCTION ON EAK St. STEEL - 9.18 %**
- ▶ **WEAR REDUCTION ON TAF TITANIUM - 22.20 %**
- ▶ **WEAR REDUCTION ON INCO (901) - 18.98 %**

CUSTOMER TESTIMONIAL

CUSTOMER & TEST PROFILE

Tests were conducted on five (5) different metals, all but one showed a reduction in wear.



CUSTOMER TESTS & REPORTS

MILLING RESULTS:

Material	Cutter Number	Material Class*	Wear (mm)	Cut Time	Fluids	Petron Plus Reduction %
QAJ Nickel	1	18	0.178	120	EV	
“ “	6		0.142	120	EV + PP	20.22
EAK St. Steel	2	9	0.98	92	EV	
“ “	7		0.89	92	EV + PP	9.18 %
611C Corrodible	3	8	0.195	76	EV	
“ “	8		0.197	76	EV + PP	0.01 % Increased Wear
TAF Titanium	4	15	0.036	120	EV	
“ “	9		0.028	120	EV + PP	22.20 %
INCO (901)	5	20	0.216	18	EV	
“ “	10		0.175	18	EV + PP	18.98 %

EV = Edgar Vaghan at 5% total volume

EV + PP = 5% Edgar Vaghan + 3% of the 5% Petron Plus Formula 7 MetalPro Alpha

* Material Class - Rolls Royce Machinability Tables - Range 1-25

NB Class 20-25 Very Difficult to Mill

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