



T8E PASTE

ANTI-SEIZE PASTE FOR TEMPERATURES TO 1400°F

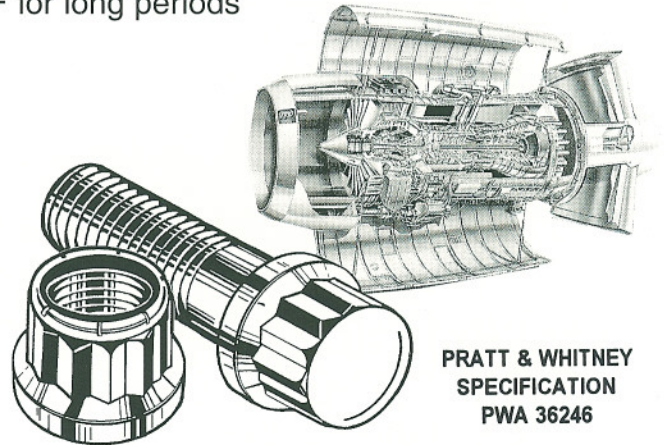
TIODIZE T8E PASTE is an inorganic dry film antigallant paste utilizing a specially formulated composition of oxides. Its primary function is to prevent galling of threaded fasteners. Its high temperature capabilities offer a unique combination of performance benefits not available with other solid film lubricants.

TIODIZE T8E PASTE is designed to replace silver on threaded fasteners for use in jet engine applications. It is used on such metals as stainless steel, inconel and waspaloy.

TIODIZE T8E PASTE, when exposed to 1400°F for long periods of time, aids in the removal of the nut or bolt.

PHYSICAL PROPERTIES:

Service Temperature:	1400°F
Binder:	None
Lubricative Base:	Inorganic oxides
Application:	Brush on
Cure Temperature:	Air dry 10 to 60 min.
Color:	Gray to white



PRATT & WHITNEY
SPECIFICATION
PWA 36246

1400°F BOLT AND NUT CYCLE TEST

T8E PASTE on 1/4-20 Waspaloy Bolt & Crimp Nut as an assembly and disassembly aid.

CYCLE	1	2	3	4	5
	<i>in-lbs</i>	<i>in-lbs</i>	<i>in-lbs</i>	<i>in-lbs</i>	<i>in-lbs</i>
Run on torque	4 - 6	3 - 5	15 - 29	14 - 25	40 - 60
Seating torque	14 - 16	13 - 15	30 - 55	30 - 40	70 - 80
Torque @ 28°	53 - 63	59 - 70	69 - 93	61 - 74	130-135
1400° F	<i>98 hrs</i>	<i>96 hrs</i>	<i>96 hrs</i>	<i>93 hrs</i>	<i>96 hrs</i>
Unseating torque	140-160	130-135	150-160	150-160	170-180
Break away torque	29 - 35	17 - 18	46 - 59	59 - 70	90 - 91
Run off torque	25 - 37	15 - 20	25 - 40	50 - 70	50 - 80
Thread damage	none	none	none	none	none

