

OMEGASONICS

Ultrasonic Procedure Document

Test Sheet Name: Fuel Pump Gear



BEFORE



AFTER

Company Name: Turbine Controls

City, State: Bloomfield, CT

Industry Type: Aerospace

Description of Part: cfm56 fuel pump gear

Contaminant: Oil and grease

Equipment Used To Clean: Omega Super Pro Model OMG-5036-4KW

Caution During Cleaning:

- Rotate part 180° during the cleaning process to insure thorough cleaning.

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PRESOAK REQUIRED: YES: NO: X		PRESPRAY REQUIRED: YES: NO: X			
CLEANING SOLUTION Omega Clean	SOLUTION/WATER 1:10	TEMPERATURE 150 F	PH 11.8	FREQUNCY/KHZ 40	CLEANING TIME 45 min
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RECOMMENDED TECHNICIAN LEVEL: Certified Restoration Technician

RECOMMENDED CLEANING PROCEDURE:

- Preheat a 1:10 solution of Omega Clean to 150° F in the ultrasonic tank.
- Place the gears into the basket with the cavity with containing heaviest residue facing the bottom of the basket. Place the basket into the ultrasonic tank. Rotate the housings keeping them underneath the surface of the solution to allow air bubbles to be removed from the part.
- Clean the part for a 15 min. cycle in the ultrasonic tank. At the end of the cycle rotate the part 180°.
- Clean the part for an additional 15 min. cycle. Clean additional cycles if necessary.
- Once the part is cleaned, remove from the ultrasonic bath and rinse using clean hot water which is 150° F.
- Once rinsed, blow off excess water using filtered compressed air.
- Part will flash dry.