



MOTORS · GENERATORS · DRIVES

NEWSLETTER

April 2009

Qualified... Equipped... Concerned!

Surviving Hard Economic Times

Keep Your Equipment Running Longer

* Motors & Generators * Lubrication * Cleaning * Testing * Maintenance *

Some timely maintenance tips from GPR to keep your equipment running longer.

Lubrication

Too much lubricant will eventually end up in the windings. Follow the original manufacturer's specifications to lubricate properly. Clean grease fittings, remove drain plug, purge excess grease by correctly starting motor. If the original manufacturer's specifications are not available, use the following lubrication guide.



Clean Lubricant

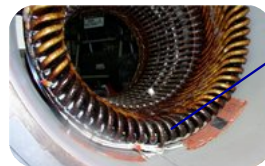
Dirty Lubricant

Cleaning

Air passages, vents, screens and louvers must be kept clean so that the motor can distribute the heat that develops. Cooling fans must be kept free of debris inside and outside. Discuss Class II Overhaul with your GPR Rep.



BEFORE
Compacted pulp



AFTER Windings overheated where pulp was compacted

Lubrication Guide

RPM	Frame Range	TYPE OF SERVICE	
		8 Hour/Day Operation	24 Hour/Day Operation
3600	143T-256T	*	*
	284TS-286TS	6 months	2 months
	324TS-587US	4 months	2 months
1800	143T-256T	*	*
	264T-326T	4 years	18 months
	364T-365T	1 year	4 months
	505U-587U	6 months	2 months
1200 and below	143T-256T	*	*
	284T-326T	4 years	18 months
	364T-449T	1 year	4 months
	505U-587U	9 months	3 months

* These motors normally do not have bearings that can be re-lubricated. Their bearings should be replaced at least every 5 years for 8 hour/day service, or every 2 years for 24 hour/day service.

Testing:

GPR can supply fully equipped field crews to help you with your on site maintenance.

Motor Tests

- Winding Analysis
- Vibration Analysis
- Infrared Thermography
- Laser Alignment



Generator Tests

- Scheduled Generator Maintenance (5000 hrs)
- Test output/voltage/frequency/amperage
- Test Charging System
- Test Air Flow System
- Test Transfer System
- Load Testing (Mobile Loadbanks)

*** THE BEST WAY TO KEEP YOUR EQUIPMENT RUNNING LONGER - KNOW YOUR MOTOR/GENERATOR SERVICE CENTER***



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