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**HOIST GEARCASE LUBRICATION**

"J" SERIES, "F" SERIES, and SPACEMASTER 1

MODEL	AMOUNT	TYPE
J1	1.5 QUARTS	MULTI-PURPOSE LUBRICATING GEAR OIL 20 WT or 30 WT NON-DETERGENT NON-FOAMING: SHELL TURBO NO. 33 (20wt.) GULF HARMONY NO. 53 (20wt.) MOBIL DTE HVY MEDIUM (20 wt.) MOBIL DTE OIL HEAVY (30 wt.) BP ENERGOL HLP-HM 100 (30 wt.) SHELL TURBO NO. 41 (30wt.) GULF HARMONY NO. 61 (30wt.)  HIGH TEMPERATURE APPLICATIONS: MOBIL DTE-AA MOBIL 600 XP150
J2 - J3	2 QUARTS	
F2	4 QUARTS	
F3	13 QUARTS	
F5	18 QUARTS	
F6	8 GALLONS	
C75	8 GALLONS	
C10 - D10	10 GALLONS	
D1 - S1	2 QUARTS	
D2 - S2 - X2	4 QUARTS	
D3 - S3 - X3 - SH3	10 QUARTS	
D6 - S6 - X6	32 QUARTS	
D8 - S8	32 QUARTS	
D11	13 GALLONS	
<b>TRAVEL DRIVES</b>		
DR DRIVE	12 OUNCES	
TR3	1.5 QUARTS VERTICAL 2 QUARTS HORIZONTAL	

Spacemaster 1 load brake friction discs **SHOULD** be pre-soaked in oil for 24 hours (minimum of 2 hours) before assembly.

20 wt gear oil was used outdoors in colder environments

30 wt gear oil was standard indoor applications and outdoors in warmer environments

GR and GX Travel Drives use 12 ounces of Mobilux EP-00 Semi-fluid extreme pressure grease

SPACEMASTER II

MODEL	AMOUNT	TYPE
SA - DA	3 QUARTS	MOBIL DTE-AA or EQUIVALENT MOBIL HSC 632 SYNTHETIC MOBIL 600 XP 150 - INDOOR ONLY
DB - LB - SB	7 QUARTS	
DC - LC - SC	11 QUARTS	
DD - LD - SD	5 GALLONS	
FRAME G	24 QUARTS	

Frame A load brake friction discs **SHOULD** be pre-soaked in oil for 24 hours (minimum of 2 hours) before assembly.

**NEVER** pre-soak Frame B, Frame C, or Frame D load brake friction material in oil before assembly. After installation of the loadbrake and the no-load operational tests are complete, run the hoist with a heavy load within 1 hour to wear in high spots on the friction material. Do not exceed the capacity rating of the hoist.

Always maintain proper oil level. Do not overfill.

Keeping vent plugs clean can prevent leaks