

HOIST GEARS

6

Hoist types SM1, SM2, SM3 are fitted with 3-step helicoidal reduction gear units, lubricated by semi-liquid grease. The reduction gear is not sealed, and the drum acts as the casing. A pinion, engaging on a geared wheel that is integral with the drum, rotates the drum.

Hoist type SM4 is fitted with 2-stage reduction gears, the first stage being helicoidal and the second epicyclical. This is an oil bath assembly, and the gearbox is sealed. The drum is actuated by a tapered shaft co-axial to the drum, actuating an end plate that is one piece (welded) with the drum.

HOIST	GEAR	NAME	Reference Number	MOTOR	RATIO Motor / drum	LUBRICANT FOR GEAR	QUANTITY
SM1	N	1G1100	1117502	N1	72	MOBIL SHC007	235 grams ½ lbs.
SM2	N	3G2300	1127502	N2	115	MOBIL SHC007	235 grams ½ lbs.
SM3	L	3G2200	1137502	N2	144	MOBIL SHC007	235 grams ½ lbs.
	N	3G3500	1137504	N3	92		
	R	3G3300	1137503	N3	72		
SM4	L	4G3300	1147502	N3	187	MOBIL GEAR 630	1.4 liter or 1.5 quarts except LHT Hoists 2 liter or 2.1 quarts
	N	4G4600	1147504	N4	120		
	R	4G4400	1147503	N4	94		

LHT = Low Headroom Trolley

HOIST GEARS

6

