



PINION DATA			
D.P.	2.5 STUB	ADDENDUM	0.3200
NO. TEETH	20	DEDENDUM	0.4000
P.D.	8.000	MINOR DIA	7.205/7.195
P.A.	20°	BASE DIA	7.5175
CIRCULAR TOOTH THICKNESS		0.6296/0.6272	
MEASURE: 8.725/8.719 OVER $\phi 0.625$ PINS			

GEARBOX DATA
GEAR REDUCTION: 51 : 1
MAX OUTPUT: 75,000 IN-LBS
OIL CAPACITY: 8 QTS EP 80W90
STATIC BRAKE TORQUE: 1500 IN-LBS
BRAKE RELEASE PRES: 110 PSI
BRAKE CYL VOL @ 2500 PSI: 0.70 CU-IN

MOTOR INPUT DATA	
BOLT PATTERN:	4X 1/2-20UNF ON $\phi 6-3/8$ BC
SAE SPEC:	SAE "4C"
MOTOR SHAFT:	$\phi 1-1/4$, 14 TOOTH SPLINE
MOTOR PILOT:	$\phi 5.000$

