2)	Parameters Weight Cost	Spool	Differential	10 L'SD
2)	Weight	a c		PALSO
2)	Weight		101	
2)	Weight	100		
2)			eigh	high
		1000	reigh	high
3 \		HER HELLEN WALLES	leus	leess
13/	1000		more	more
4)	Power 10ss or P	(NO)	888.	
-		more	Tees	leu
5)	Ease of	Selso sose	1,000 150002	
	handling	ADMINISTRAÇÃO DE COMPANSA DE C	1.55	difficul
6>	Maintanance	eagloss		1
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	of heern on ping	202		
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1		127	20093 609 3	180017
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1		(mu) T		
		12/100		•
		12 3ar		2.0
		<u>607-744</u>		
X		nergana -		

PAGE NO. calculations for web on spools-Force acting on spool 2 13833 NI force on one mount: 13833 2766.6N Area of one mount = 1.319 x 104 m2 strew at mount = 2766.68 1.319×104 = 20.9749 x18 N/m2 = 20-974 MPa We know the Ultimate tensile strength of material M 1410 2 12 137 201 500 00 120 112 Sut = 124 MPa throate tensile strength : 505 Permissible shear strees = 124 = 41.33 MPa -: As working strees i lees than permissible shear sheer. Our deign is valid

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								DATE:			
	Calculations for no of teeths (43 rooth sprocket)										
A	Calculations to										
		T) (spm)	1 600	1	(n.w)		for turbot (N'm)			
	Gear		1019			248		\$ 496			
	2	Ap.	1465	113	81	173		346			
	2	in the	1912	40	01	132		3 264			
	4	1102	2378	77.03	1	106	1	212			
	5	98002	2842	113	1	89.30	22	178.6			
	6	3	3236	(0	12	78	ot annual section of the section of	156			
	201	1001		9-1	103			to sind its			
	for sproc1	And	al geo	38	rat	10:-	9	on short			
1 2 3 117			o spro			9	50%	Sandraph (2)			
	final gear ratio: No. of Leeth on sprocket										
	No- of Leeth on pinion										
	- 43										
	15										
	= 2.8667. Torque fon sprocket										
	Gear	1-	T (N·m)								
	2		1421.88 991.87 756.80								
	4		607-74								
	5		511.99								
	6		447.20								
	•					27.000					