Ro	ROYAL ENFIELD														Format No:- AP04:460:10R						
							M	ATFR	IAI I A	BORA	TOR	/ RFP	ORT								
Repo	rt No	: IF21	30609	1			1717	\	I/ (L L/	(DOIN)	· · · · · ·	1 1121	OICI								
		art ID:	2417 / 550007			Part Name				LAYSHAFT GEAR		HIGH Date		e:		2018-06-25					
Qty			2490				Customer:			REM	REML			Batch Code		e	E2F18768				
1) Ra	w Ma	terial:	16Mn	Cr5																	
2) He	at Tre	eatmer	nt:-Cas	se carl	ourise	d, har	dened	& tem	pered												
	HARDNESS TRAVERSE GRAPH											2.1 H	2.1 Hardness								
,	730											Location			Specification			Observation			
•										FAC	E		58~62 HRC			58-59					
700											NR			HRC			-				
\												RCD			30~42 HRC			33			
<u> </u>	50	_\																			
								PC		2.2 Effective Case Depth @ HV1											
전 = 500 전 = 500								- Ser	ries 8	Location			Specification			Observation					
_													(mm)			(mm)					
550											PCD		0.50~0.80			0.60					
			7															-			
0.1 0.2 0.8 0.4 0.5 0.6 0.7 0.8 0.9 1.0 1.1 1.2 1.8 1.4 1.5 1.6 1.7 1.8 1.9 2.0											NR				-						
Distance in MM										Thread Hardness											
												NR						-			
2.3 H	ardne	ess tra	vese r						_												
Dista	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	
nce																					
from surfa																					
ce in																					
mm																					
PCD	728	698			571	513															
RCD																					
2.4 N	licrost	tructur	e:				•	-													
Location Specification											Ot				oservation						
CASE T.M.+R.A.<10%										T				T.M+	.M+R.A.5-10%						
CORE L.C.M.+Bainite									inite	L.				L.C.N	.C.M+Bainite						
Dispo	sition	:- AC	CEPT	ED			•														
Rema	arks :-	- OK																			
Checked by :- Dharmendra Rathore							Verif	ied by	· : -	Adity	Aditya mishra				Approved by :- Ravindra kale						