



# JYOTI HEAT TREATMENT PVT LTD.

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## Heat Treatment Report

**Test Cert No:** JHTPL/1.789

**Customer:** Gurunanak Trans. Pvt. Ltd.

**Part Name:** ARB-PM10

**Material:** SAE 8620

### Part Numbers & Quantities

Part No	Quantity
2930296	236
293029-5	45

### Parameters

Parameter	Specified	Actual
Surface Hardness	58-62 HRC	62 HRC
Core Hardness	25-38 HRC	36 HRC
Case Depth @OD	0.50 mm @ 550 HV1	0.50 mm @ 550 HV1
Case Depth @PCD	0.50 mm @ 550 HV1	0.50 mm @ 550 HV1

### Surface Hardness Traverse

Distance (mm)	Hardness HV1 (@OD)	Hardness HV1 (@PCD)
0.1	768	767
0.2	758	757
0.3	748	747
0.4	738	737
0.5	728	727
0.6	718	717
0.7	708	-

### Hardness Samples

Sample No	Surface Hardness (HRC)
1	61

2	60
3	62
4	61
5	61.5

Remarks

**\*\*Accepted.\*\*** All tested parameters are within specified limits.

**Prepared By:** Mahesh Pawar