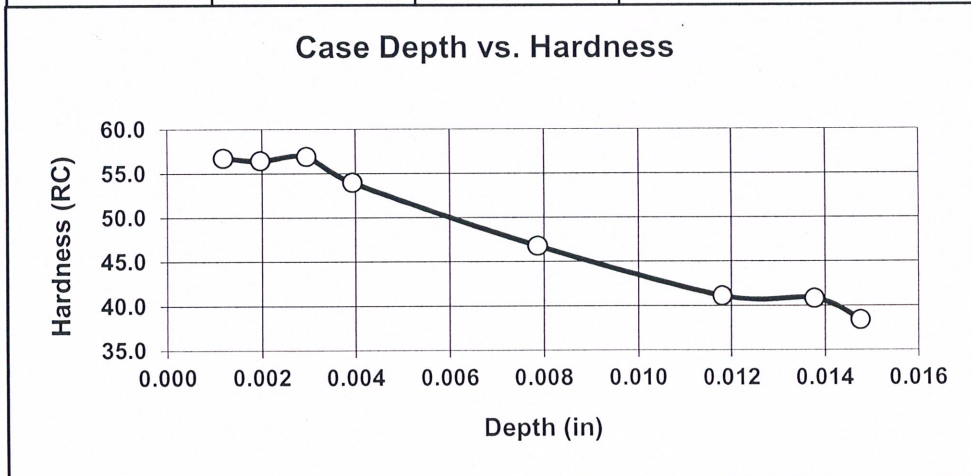


CASE DEPTH SURVEY REPORT

Date Run: January 8, 2019 Client: P.O No: R & D Thermex Job No: Material: AISI 4140 HT Sample No: 191241 Case Aim: as per Process: Gas Ferritic Nitro-Carburizing (FNC)	Test Method: ASTM E384/Vickers Load on Indenter: 200g Cal. Test Block S/N: 13416 Cal. Block Range: 524±20.3 HV Calibration: 523/523/525 HV Tester Name: Matsuzawa Tester Model: MMT-X7B Tester S/N: MM6257X
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Depth (mm)	Depth (in)	HV ₂₀₀	HRC as per ASTM E140
0.030	0.001	627	56.7
0.050	0.002	621	56.4
0.075	0.003	630	56.9
0.100	0.004	577	54.0
0.200	0.008	470	46.8
0.300	0.012	403	41.1
0.350	0.014	400	40.9
0.375	0.015	375	38.4



Comments: The test coupon was made of AISI 4140 HT. The effective case depth is 0.350 mm (0.014"). Compoud layer is about 14-15 µm.



Tested by: _____ Date Tested: **January 8, 2019**
 P.Petkov