

CHEMICAL & METALLURGICAL LABORATORY REPORT

TEST PERFORMED BY: R. Lefebvre

DATE: 9-23-81

PART NAME/MODEL: Browning BBR, Firing Pin Sear

PART NUMBER:

SAMPLE SIZE: 1

REQUESTED BY: T. Scott

DEPT: R&D

REASON FOR REQUEST: Evaluation of competitive products

HARDNESS: Rc 48-49 15N-82-86
HEAT TREAT/COMMENTS:

SCALE:

AISI-1050

RC-48-49

15N-82-86

1050

plated

EJ13309178100DC EXPS 1

CV 120 C .82 S .205 MN .101 MO .87 CR XXXX NI .92

P .303 SI XXX V .432 CU .054 PB XXXX BK 52

OUT OF RANGE FOR BK CV SI CR PS

EXPS 2

CV 2324 C .18 S .368 MN .59 MO .83 CR 39.74 NI .81

P .325 SI .50 V .343 CU .015 PB .0333 BK 2440

OUT OF RANGE FOR BK CV C CR

1.2 UNAVARAGABLE FOR BK CV

EJ13309178100CC EXPS 1

CV 2723 C .49 S .352 MN .72 MO .82 CR .15 NI .33

P .344 SI .25 V .342 CU .033 PB .0332 BK 2892

OUT OF RANGE FOR BK CV