

CHEMICAL & METALLURGICAL LABORATORY REPORT

TEST PERFORMED BY: R. Lefebvre

DATE: 9-28-81

PART NAME/MODEL: Barrel (muzzle), Win m70

PART NUMBER:

SAMPLE SIZE: 1

REQUESTED BY: S. Franz

DEPT: R&D

REASON FOR REQUEST: Evaluation of competitive products.

HARDNESS: Rc 25-27

SCALE:

HEAT TREAT/COMMENTS:

CHEMICAL ANALYSIS/COMMENTS:

AISI-4140 Resulfurized

Rc - 25-27

E31333921813055 EXPS 1

CV 2314 C .53 S .383 MN .79 MO .12 CR .76 NI .34

P .326 SI .23 V .336 CU .013 PB .0757 BK 3442

OUT OF RANGE FOR BK CV

EXPS 2

CV 2682 C .42 S .383 MN .74 MO .17 CR .81 NI .02

P .324 SI .22 V .336 CU .036 PB .0723 BK 2947

OUT OF RANGE FOR BK CV CU

1.2 UNAVAILABLE FOR BK CV