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End Application:

2350-01-061-2445

Component Document Origin:

Government

Document Source:

19200

Document Type:

Engineering drawing

End Item Source:

19207

Document Identification:

12283118

End Item Name:

Tank, combat, full tracked

Special Features:

Osteel alloy, 9130, per ams 6260 or ams 6265; heat treatment: spur gears 12283157 & 12283158 carburize & harden entire gear teeth & surfaces indicated per agma 246.01, grade 5, mil-h-6875 & mil-s-6090; case req. At gear tooth pitch line: surface hardness rockwell 30n75-81, depth from surface to hardness of rc50 0.052/0.062, core hardness rc32-44, top lands & end faces not case hardened; spur gear 12283159 carburize & harden entire gear teeth per agma 246.01, grade 5, mil-h-6875 & mil-s-6090, casereq. At gear tooth pitch line: surface hardness rockwell 30n 75-81, depth from surface to hardness of rc50 0.024/0.034, core hardness rc 32-44, top lands & end faces not case hardened; external involute spur gear (12283157) data: 14 teeth; diametral pitch is 3.5; pressure angle is 25 deg.; external spur gear (12283159) data: 65 teeth; diametral pitch is 10; pressure angle is 20 deg.; external involute spline data: 23 teeth (basic-1 tooth removed); diametral pitch is 12/24; pressure angle is 30 deg.

Security Classification:

Unclassified

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

A23800