



DEPARTMENT OF THE ARMY
UNITED STATES ARMY RESEARCH, DEVELOPMENT AND ENGINEERING CENTER
WARREN, MICHIGAN 48397-5000

Reply to the Attention of:
RDTA-SIE-ES-FPT-FLT (MS110)
Fuels & Lubricants Technology Team

20 May 2016

Mr. Mark Hilty
United Oil Company
1800 North Franklin Street
Pittsburgh, PA 15233

Dear Mr. Hilty:

This letter is to advise you that you have completed the requirements for qualification of your product, CO-100, for MIL-PRF-3150.

Accordingly, this product:

Brand Name:	CO-100
Formula Number:	6199
Qualification Number:	L-6583
Specification:	MIL-PRF-3150

is approved for inclusion in the Qualified Products List (QPL) for MIL-PRF-3150 and assigned the QPL number: L-6583. The date of the qualification is for a period not to exceed 20 May 2021.

There shall be no change in formulation or manufacturing procedure unless the material is re-examined for compliance with the requirements of the specification by the qualifying agency. The manufacturer is cautioned not to change type or grade of ingredients because of possible change in the performance characteristics. The finished product supplied to the government shall conform to the tolerances listed on the attached sheet.

This notice of qualification and listing in the QPL does not guarantee acceptance of the product in any future purchase nor constitute a waiver of the requirements by the Defense Standardization policies, procedures, and instructions.

If you have any questions related to this information, please contact Maria Goetz at 586.282.4140 or via email to maria.e.goetz.civ@mail.mil.

Sincerely,


Frederick O. Balling
Associate Director
Force Projection Technology

CF:
APC
DLA - Aviation

SUMMARY OF DATA ON QUALIFIED
PRESERVATIVE LUBRICATING OIL MIL-PRF-3150

MARKETING COMPANY: United Oil Company
BRAND NAME: CO-100
QUALIFICATION NUMBER: L-6583
DATE OF QUALIFICATION: 19 MAY 2016
DATE OF EXPIRATION: 20 MAY 2021

CONFIDENTIAL FORMULA FOR THIS PRODUCT IS ON FILE:

PROPERTY	SPECIFICATION REQUIREMENTS	DATA SUMMARY	TOLERANCE RANGE	TOLERANCES
VISCOSITY, cST:@40°C	95 TO 125	107.7	±10.0	97.7 to 117.7
Pour Pt, °C	-6 max	-6	±6	-12 to 0
EVAPORATION LOSS, @100°C, 22 hrs, %	5 max	3.05	±1.0	2.05 to 4.05

NOTE: Acceptable deviation from average value; however tolerances must remain within the limits of MIL-PRF-3150