

Sponsor:

Lear Chemical Research Corporation
Mississauga, Ontario

FINAL REPORT

Study Title:

Acute Oral Toxicity Study
of ACF-50 Lubricant in Rats
(EPA/OECD Guidelines)

Author:

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Study Completion Date:

December 4, 1990

Performing Laboratory:

Hazleton Wisconsin, Inc.
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Madison, Wisconsin 53704

Laboratory Project Identification:

HWI 00904813

Page 1 of 21

INDIVIDUAL PATHOLOGY COMMENTS

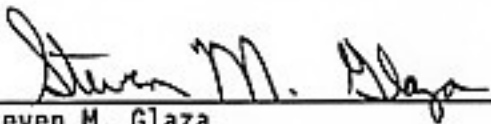
Dose Level: 5.0 g/kg of Body Weight

<u>Animal Number</u>	<u>Sex</u>	<u>Test Day</u>		<u>Necropsy Observation</u>
		<u>Died</u>	<u>Sacrificed</u>	
C63591	M	-	14	No visible lesions
C63592	M	-	14	No visible lesions
C63593	M	-	14	No visible lesions
C63594	M	-	14	No visible lesions
C63595	M	-	14	No visible lesions
C63636	F	-	14	No visible lesions
C63637	F	-	14	No visible lesions
C63633	F	-	14	No visible lesions
C63634	F	-	14	No visible lesions
C63635	F	-	14	No visible lesions

DISCUSSION

The acute oral toxicity of ACF-50 Lubricant was evaluated in male and female albino rats when administered at a level of 5.0 g/kg of body weight. The estimated oral LD₅₀ for males and females was determined to be greater than 5.0 g/kg. All animals appeared normal with the exception of three male and five female rats which exhibited soft stool the day of dosing. All animals exhibited body weight gain throughout the study. The gross necropsy of the animals at termination revealed no visible lesions.

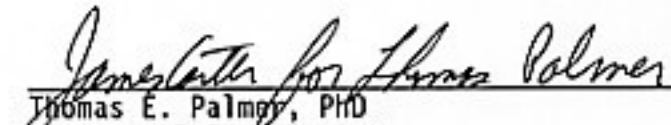
SIGNATURES



Steven M. Glaza
Study Director
Acute Toxicology

12-4-90

Date



Thomas E. Palmer, PhD
Anatomical Pathologist
Pathology

12-4-90

Date

REFERENCES

1. Hitch, R. K., "Acute Oral Toxicity Study," *Pesticide Assessment Guidelines, Subdivision F, Hazard Evaluation: Human and Domestic Animals*, U.S. Environmental Protection Agency Office of Pesticide and Toxic Substances, Series 81-1, pp. 34-39 (November 1982).
2. "Acute Oral Toxicity," *Organisation for Economic Cooperation and Development's Guidelines for Testing of Chemicals*, Section 401 (adopted May 12, 1981).
3. NIH Publication No. 86-23 (revised 1985).