

7. REGULATIONS AND ADVISORIES

National and state regulations and guidelines pertinent to human exposure to used mineral-based crankcase oil are summarized in Table 7-1. No international regulations were found.

MRLs have not been derived. Reference dose (RfD) and reference concentration (RfC) data were not found for used mineral-based crankcase oil.

The information in the following table indicates that used crankcase oil regulations are still being revised and created. Few water quality standards were found for used mineral-based crankcase oil. This may be because few states recognize or define used mineral-based crankcase oil as a hazardous waste.

The primary state regulations listed in Table 7-1 are adaptations of the federal regulations. It is important to note that Colorado, the District of Columbia, and West Virginia have no or very few regulations for used mineral-based crankcase oil. Also, all states, with the exception of West Virginia, recognize road oiling and dust suppression as the primary route of environmental exposure and have enacted regulations to address this release. Further regulations are expected as the category of used mineral-based crankcase oil becomes more clearly defined.

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TABLE 7-1. Regulations and Guidelines Applicable to Used Mineral-based Crankcase Oil

Agency	Description	Information	Reference
<u>INTERNATIONAL</u>			
IARC	Carcinogenic classification	NS ^a	IARC 1984
<u>NATIONAL</u>			
Regulations:			
a. Air:			
EPA	Used oil burned for energy recovery is subject to regulation if the allowable levels of any of the following constituents are exceeded:	Yes	EPA 1992a (40 CFR 279.11); EPA 1992a (40 CFR 279 Subpart G)
	Arsenic-maximum	5 ppm	
	Cadmium-maximum	2 ppm	
	Chromium-maximum	10 ppm	
	Lead-maximum	100 ppm	
	Flashpoint-maximum	100°F	
	Total halogens-maximum	4000 ppm	
b. Water:			
EPA	EPA water quality criteria for human health and aquatic life (mineral-based crankcase oils)	No	EPA 1989 (FR 45:79318)
EPA	Priority pollutant listing	No	EPA 1989 (FR 45:79318)
c. Other:			
EPA	Disposal regulations for nonhazardous used oil	No	EPA 1990 (40 CFR 261.21); EPA 1992b (40 CFR 261.4)
EPA	Standard for used oil application in dust suppression and the disposal of used oil	Yes	EPA 1992a (40 CFR 279 Subpart I)
EPA	Standards for used oil collection centers and aggregation points	Yes	EPA 1992a (40 CFR 279 Subpart D)
EPA	Standards for used oil processors and re-refining including facility standards, rebuttable presumption, notification requirements, management requirements, tracking, operating standards and offsite shipment standards	Yes	EPA 1992a (40 CFR 279 Subpart F)
EPA	Standard for used oil transport and transfer facilities including restrictions on nonprocessing transporters, notification requirements under RCRA, storage, transport, and tracking	Yes	EPA 1992a (40 CFR 279 Subpart E)
EPA	Used oil regulated as a hazardous waste if it contains greater than 1,000 ppm total halogens and/or is mixed with a hazardous waste	Yes	EPA 1980a (40 CFR 261.33); EPA 1992a (40 CFR 279.10)

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**TABLE 7-1. Regulations and Guidelines Applicable to
Used Mineral-based Crankcase Oil (*continued*)**

Agency	Description	Information	Reference
<u>STATE</u>			
Regulations and Guidelines			
a. Air:			
	Regulations on the burning and blending of used oil for the purpose of energy recovery (end-use regulation):		
Alabama		Yes ^b	State of Alabama 1991
Alaska		Yes ^b	State of Alaska 1992
Arizona		Yes	State of Arizona 1992
Arkansas		Yes ^b	State of Arkansas 1992
California		Yes	State of California 1992
Colorado		No	State of Colorado 1992
Connecticut		Yes ^b	State of Connecticut 1991
Delaware		Yes ^b	State of Delaware 1992
Washington, DC		No	District of Columbia 1992
Florida		Yes ^b	State of Florida 1992
Georgia		Yes ^b	State of Georgia 1992
Hawaii		Yes ^b	State of Hawaii 1992
Idaho		Yes ^b	State of Idaho 1992
Illinois		Yes ^b	State of Illinois 1992
Indiana		Yes ^b	State of Indiana 1992
Iowa		Yes ^b	State of Iowa 1992
Kansas		Yes ^b	State of Kansas 1992
Kentucky		Yes ^b	Commonwealth of Kentucky 1992
Louisiana		Yes	State of Louisiana 1992
Maine		Yes	State of Maine 1992
Maryland		Yes ^b	State of Maryland 1992
Massachusetts		Yes	Commonwealth of Massachusetts 1992
Michigan		Yes ^b	State of Michigan 1992
Minnesota		Yes ^b	State of Minnesota 1992
Mississippi		Yes ^b	State of Mississippi 1992
Missouri		Yes	State of Missouri 1992
Montana		Yes	State of Montana 1992
Nebraska		Yes ^b	State of Nebraska 1992
Nevada		Yes ^b	State of Nevada 1992
New Hampshire		Yes ^b	State of New Hampshire 1992
New Jersey		Yes	State of New Jersey 1992
New Mexico		Yes ^b	State of New Mexico 1991
New York		Yes	State of New York 1992
North Carolina		Yes ^b	State of North Carolina 1992
North Dakota		No	State of North Dakota 1992
Ohio		Yes ^b	State of Ohio 1992
Oklahoma		Yes ^b	State of Oklahoma 1991
Oregon		Yes ^b	State of Oregon 1992
Pennsylvania		Yes ^b	Commonwealth of Pennsylvania 1992
Rhode Island		Yes ^b	State of Rhode Island 1992
South Carolina		Yes ^b	State of South Carolina 1992
South Dakota		Yes ^b	State of South Dakota 1992
Tennessee		No	State of Tennessee 1992
Texas		No	State of Texas 1992
Utah		Yes ^b	State of Utah 1992

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TABLE 7-1. Regulations and Guidelines Applicable to Used Mineral-based Crankcase Oil (continued)

Agency	Description	Information	Reference
<u>STATE</u> (Cont.)			
Vermont		Yes	State of Vermont 1992
Virginia		Yes	Commonwealth of Virginia 1992
Washington		Yes ^b	State of Washington 1992
West Virginia		No	State of West Virginia 1992
Wisconsin		Yes ^b	State of Wisconsin 1992
Wyoming		No	State of Wyoming 1992
b. Other:			
Connecticut	The use of reasonably available control technologies to limit the discharge of used oil (VOC)	Yes	CELDs 1993
	Regulations affecting marketers, generators, storers, and disposers of used oil and used oil burned for energy recovery (recycling collection/storage):		
Alabama		Yes	State of Alabama 1991
Alaska		Yes	State of Alaska 1992
Arizona		No	State of Arizona 1992
Arkansas		Yes	State of Arkansas 1992
California		Yes	State of California 1992
Colorado		No	State of Colorado 1992
Connecticut		Yes	State of Connecticut 1991
Delaware		Yes	State of Delaware 1992
Washington, DC		No	District of Columbia 1992
Florida		Yes	State of Florida 1992
Georgia		Yes	State of Georgia 1992
Hawaii		No	State of Hawaii 1992
Idaho		Yes	State of Idaho 1992
Illinois		Yes	State of Illinois 1992
Indiana		Yes	State of Indiana 1992
Iowa		Yes	State of Iowa 1992
Kansas		Yes	State of Kansas 1992
Kentucky		Yes	Commonwealth of Kentucky 1992
Louisiana		Yes	State of Louisiana 1992
Maine		Yes	State of Maine 1992
Maryland		Yes	State of Maryland 1992
Massachusetts		Yes	Commonwealth of Massachusetts 1992
Michigan		Yes	State of Michigan 1992
Minnesota		Yes	State of Minnesota 1992
Mississippi		Yes	State of Mississippi 1992
Missouri		Yes	State of Missouri 1992
Montana		Yes	State of Montana 1992
Nebraska		Yes	State of Nebraska 1992
Nevada		Yes	State of Nevada 1992
New Hampshire		Yes	State of New Hampshire 1992
New Jersey		Yes	State of New Jersey 1992
New Mexico		Yes	State of New Mexico 1991
New York		Yes	State of New York 1992
North Carolina		Yes	State of North Carolina 1992

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TABLE 7-1. Regulations and Guidelines Applicable to Used Mineral-based Crankcase Oil (*continued*)

Agency	Description	Information	Reference
<u>STATE</u> (Cont.)			
North Dakota		No	State of North Dakota 1992
Ohio		Yes	State of Ohio 1992
Oklahoma		Yes	State of Oklahoma 1991
Oregon		Yes	State of Oregon 1992
Pennsylvania		Yes	Commonwealth of Pennsylvania 1992
Rhode Island		Yes	State of Rhode Island 1992
South Carolina		Yes	State of South Carolina 1992
South Dakota		Yes	State of South Dakota 1992
Tennessee		No	State of Tennessee 1992
Texas		Yes	State of Texas 1992
Utah		Yes	State of Utah 1992
Vermont		Yes	State of Vermont 1992
Virginia		Yes	Commonwealth of Virginia 1992
Washington		Yes	State of Washington 1992
West Virginia		No	State of West Virginia 1992
Wisconsin		Yes	State of Wisconsin 1992
Wyoming		Yes	State of Wyoming 1992
Labeling requirement regulations (recycling)			
Alabama		No	State of Alabama 1991
Alaska		No	State of Alaska 1992
Arizona		No	State of Arizona 1992
Arkansas		No	State of Arkansas 1992
California		Yes	State of California 1992
Colorado		No	State of Colorado 1992
Connecticut		No	State of Connecticut 1991
Delaware		No	State of Delaware 1992
Washington, DC		No	District of Columbia 1992
Florida		No	State of Florida 1992
Georgia		No	State of Georgia 1992
Hawaii		No	State of Hawaii 1992
Idaho		Yes	State of Idaho 1992
Illinois		No	State of Illinois 1992
Indiana		Yes	State of Indiana 1992
Iowa		No	State of Iowa 1992
Kansas		No	State of Kansas 1992
Kentucky		Yes (guideline)	Commonwealth of Kentucky 1992
Louisiana		No	State of Louisiana 1992
Maine		No	State of Maine 1992
Maryland		Yes (guideline)	State of Maryland 1992
Massachusetts		No	Commonwealth of Massachusetts 1992
Michigan		No	State of Michigan 1992
Minnesota		No	State of Minnesota 1992
Mississippi		No	State of Mississippi 1992
Missouri		Yes	State of Missouri 1992
Montana		No	State of Montana 1992
Nebraska		No	State of Nebraska 1992
Nevada		No	State of Nevada 1992
New Hampshire		Yes	State of New Hampshire 1992

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TABLE 7-1. Regulations and Guidelines Applicable to Used Mineral-based Crankcase Oil (continued)

Agency	Description	Information	Reference
<u>STATE</u> (Cont.)			
New Jersey		Yes (hazardous waste)	State of New Jersey 1992
New Mexico		No	State of New Mexico 1991
New York		Yes	State of New York 1992
North Carolina		No	State of North Carolina 1992
North Dakota		No	State of North Dakota 1992
Ohio		No	State of Ohio 1992
Oklahoma		No	State of Oklahoma 1991
Oregon		No	State of Oregon 1992
Pennsylvania		Yes	Commonwealth of Pennsylvania 1992
Rhode Island		Yes	State of Rhode Island 1992
South Carolina		Yes	State of South Carolina 1992
South Dakota		No	State of South Dakota 1992
Tennessee		No	State of Tennessee 1992
Texas		No	State of Texas 1992
Utah		No	State of Utah 1992
Vermont		No	State of Vermont 1992
Virginia		No	Commonwealth of Virginia 1992
Washington		No	State of Washington 1992
West Virginia		No	State of West Virginia 1992
Wisconsin		Yes	State of Wisconsin 1992
Wyoming		Yes	State of Wyoming 1992
	Liability protection statute for collectors (recycling)		
Alabama		No ^c	State of Alabama 1991
Alaska		No ^c	State of Alaska 1992
Arizona		Yes	State of Arizona 1992
Arkansas		No ^c	State of Arkansas 1992
California		Yes	State of California 1992
Colorado		No ^c	State of Colorado 1992
Connecticut		No ^c	State of Connecticut 1991
Delaware		Yes	State of Delaware 1992
Washington, DC		No ^c	District of Columbia 1992
Florida		Yes	State of Florida 1992
Georgia		No ^c	State of Georgia 1992
Hawaii		No ^c	State of Hawaii 1992
Idaho		No ^c	State of Idaho 1992
Illinois		No ^c	State of Illinois 1992
Indiana		No ^c	State of Indiana 1992
Iowa		No ^c	State of Iowa 1992
Kansas		No ^c	State of Kansas 1992
Kentucky		No ^c	Commonwealth of Kentucky 1992
Louisiana		Yes	State of Louisiana 1992
Maine		No ^c	State of Maine 1992
Maryland		Yes (guideline)	State of Maryland 1992
Massachusetts		No ^c	Commonwealth of Massachusetts 1992
Michigan		No ^c	State of Michigan 1992
Minnesota		No ^c	State of Minnesota 1992
Mississippi		Yes	State of Mississippi 1992

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**TABLE 7-1. Regulations and Guidelines Applicable to
Used Mineral-based Crankcase Oil (*continued*)**

Agency	Description	Information	Reference
<u>STATE</u> (Cont.)			
Missouri		No ^c	State of Missouri 1992
Montana		No ^c	State of Montana 1992
Nebraska		No ^c	State of Nebraska 1992
Nevada		No ^c	State of Nevada 1992
New Hampshire		No ^c	State of New Hampshire 1992
New Jersey		No ^c	State of New Jersey 1992
New Mexico		No ^c	State of New Mexico 1991
New York		Yes	State of New York 1992
North Carolina		No ^c	State of North Carolina 1992
North Dakota		No ^c	State of North Dakota 1992
Ohio		No ^c	State of Ohio 1992
Oklahoma		No ^c	State of Oklahoma 1991
Oregon		No ^c	State of Oregon 1992
Pennsylvania		Yes	Commonwealth of Pennsylvania 1992
Rhode Island		No ^c	State of Rhode Island 1992
South Carolina		Yes	State of South Carolina 1992
South Dakota		No ^c	State of South Dakota 1992
Tennessee		No ^c	State of Tennessee 1992
Texas		Yes	State of Texas 1992
Utah		No ^c	State of Utah 1992
Vermont		No ^c	State of Vermont 1992
Virginia		No ^c	Commonwealth of Virginia 1992
Washington		Yes	State of Washington 1992
West Virginia		No ^c	State of West Virginia 1992
Wisconsin		No ^c	State of Wisconsin 1992
Wyoming		No ^c	State of Wyoming 1992
Transportation requirements for used oil burned for energy recovery (recycling)			
Alabama		Yes	State of Alabama 1991
Alaska		Yes	State of Alaska 1992
Arizona		Yes	State of Arizona 1992
Arkansas		Yes	State of Arkansas 1992
California		Yes	State of California 1992
Colorado		No	State of Colorado 1992
Connecticut		Yes	State of Connecticut 1991
Delaware		Yes	State of Delaware 1992
Washington, DC		No	District of Columbia 1992
Florida		Yes	State of Florida 1992
Georgia		Yes	State of Georgia 1992
Hawaii		Yes	State of Hawaii 1992
Idaho		Yes	State of Idaho 1992
Illinois		Yes	State of Illinois 1992
Indiana		Yes	State of Indiana 1992
Iowa		No	State of Iowa 1992
Kansas		Yes	State of Kansas 1992
Kentucky		Yes	Commonwealth of Kentucky 1992
Louisiana		Yes	State of Louisiana 1992
Maine		Yes	State of Maine 1992

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TABLE 7-1. Regulations and Guidelines Applicable to Used Mineral-based Crankcase Oil (continued)

Agency	Description	Information	Reference
<u>STATE</u> (Cont.)			
Maryland		Yes	State of Maryland 1992
Massachusetts		Yes	Commonwealth of Massachusetts 1992
Michigan		Yes	State of Michigan 1992
Minnesota		Yes	State of Minnesota 1992
Mississippi		Yes	State of Mississippi 1992
Missouri		Yes	State of Missouri 1992
Montana		Yes	State of Montana 1992
Nebraska		Yes	State of Nebraska 1992
Nevada		Yes	State of Nevada 1992
New Hampshire		Yes	State of New Hampshire 1992
New Jersey		Yes	State of New Jersey 1992
New Mexico		Yes	State of New Mexico 1991
New York		Yes	State of New York 1992
North Carolina		Yes	State of North Carolina 1992
North Dakota		Yes	State of North Dakota 1992
Ohio		Yes	State of Ohio 1992
Oklahoma		Yes	State of Oklahoma 1991
Oregon		Yes	State of Oregon 1992
Pennsylvania		Yes	Commonwealth of Pennsylvania 1992
Rhode Island		Yes	State of Rhode Island 1992
South Carolina		Yes	State of South Carolina 1992
South Dakota		Yes	State of South Dakota 1992
Tennessee		No	State of Tennessee 1992
Texas		Yes	State of Texas 1992
Utah		Yes	State of Utah 1992
Vermont		Yes	State of Vermont 1992
Virginia		Yes	Commonwealth of Virginia 1992
Washington		Yes	State of Washington 1992
West Virginia		No	State of West Virginia 1992
Wisconsin		Yes	State of Wisconsin 1992
Wyoming		Yes	State of Wyoming 1992
Used oil landfill disposal regulations (disposal)			
Alabama		No	State of Alabama 1991
Alaska		No	State of Alaska 1992
Arizona		Yes	State of Arizona 1992
Arkansas		No	State of Arkansas 1992
California		Yes	State of California 1992
Colorado		Yes (liquid waste)	State of Colorado 1992
Connecticut		Yes	State of Connecticut 1991
Delaware		No	State of Delaware 1992
Washington, DC		No	District of Columbia 1992
Florida		Yes	State of Florida 1992
Georgia		Yes	State of Georgia 1992
Hawaii		Yes	State of Hawaii 1992
Idaho		Yes	State of Idaho 1992
Illinois		Yes	State of Illinois 1992
Indiana		Yes	State of Indiana 1992
Iowa		Yes	State of Iowa 1992

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**TABLE 7-1. Regulations and Guidelines Applicable to
Used Mineral-based Crankcase Oil (continued)**

Agency	Description	Information	Reference
STATE (Cont.)			
Kansas		Yes	State of Kansas 1992
Kentucky		Yes	Commonwealth of Kentucky 1992
Louisiana		Yes	State of Louisiana 1992
Maine		Yes	State of Maine 1992
Maryland		Yes	State of Maryland 1992
Massachusetts		Yes	Commonwealth of Massachusetts 1992
Michigan		Yes	State of Michigan 1992
Minnesota		Yes	State of Minnesota 1992
Mississippi		Yes (liquid waste)	State of Mississippi 1992
Missouri		Yes	State of Missouri 1992
Montana		No	State of Montana 1992
Nebraska		No	State of Nebraska 1992
Nevada		Yes	State of Nevada 1992
New Hampshire		Yes	State of New Hampshire 1992
New Jersey		Yes	State of New Jersey 1992
New Mexico		No	State of New Mexico 1991
New York		Yes	State of New York 1992
North Carolina		Yes	State of North Carolina 1992
North Dakota		Yes	State of North Dakota 1992
Ohio		No	State of Ohio 1992
Oklahoma		No	State of Oklahoma 1991
Oregon		Yes	State of Oregon 1992
Pennsylvania		Yes	Commonwealth of Pennsylvania 1992
Rhode Island		Yes	State of Rhode Island 1992
South Carolina		Yes	State of South Carolina 1992
South Dakota		No	State of South Dakota 1992
Tennessee		No	State of Tennessee 1992
Texas		Yes	State of Texas 1992
Utah		Yes	State of Utah 1992
Vermont		Yes	State of Vermont 1992
Virginia		Yes (free liquid)	Commonwealth of Virginia 1992
Washington		Yes	State of Washington 1992
West Virginia		Yes (free liquid)	State of West Virginia 1992
Wisconsin		Yes	State of Wisconsin 1992
Wyoming		Yes	State of Wyoming 1992
	Regulations on used oil as a dust suppressant and as used for road oiling (disposal)		
Alabama		Yes	State of Alabama 1991
Alaska		Yes	State of Alaska 1992
Arizona		Yes	State of Arizona 1992
Arkansas		Yes	State of Arkansas 1992
California		Yes	State of California 1992
Colorado		Yes	State of Colorado 1992
Connecticut		Yes	State of Connecticut 1991
Delaware		Yes	State of Delaware 1992
Washington, DC		Yes	District of Columbia 1992

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**TABLE 7-1. Regulations and Guidelines Applicable to
Used Mineral-based Crankcase Oil (continued)**

Agency	Description	Information	Reference
<u>STATE</u> (Cont.)			
Florida		Yes	State of Florida 1992
Georgia		Yes	State of Georgia 1992
Hawaii		Yes	State of Hawaii 1992
Idaho		Yes	State of Idaho 1992
Illinois		Yes	State of Illinois 1992
Indiana		Yes	State of Indiana 1992
Iowa		Yes	State of Iowa 1992
Kansas		Yes	State of Kansas 1992
Kentucky		Yes	Commonwealth of Kentucky 1992
Louisiana		Yes	State of Louisiana 1992
Maine		Yes	State of Maine 1992
Maryland		Yes	State of Maryland 1992
Massachusetts		Yes	Commonwealth of Massachusetts 1992
Michigan		Yes	State of Michigan 1992
Minnesota		Yes	State of Minnesota 1992
Mississippi		Yes	State of Mississippi 1992
Missouri		Yes	State of Missouri 1992
Montana		Yes	State of Montana 1992
Nebraska		Yes	State of Nebraska 1992
Nevada		Yes	State of Nevada 1992
New Hampshire		Yes	State of New Hampshire 1992
New Jersey		Yes	State of New Jersey 1992
New Mexico		Yes	State of New Mexico 1991
New York		Yes	State of New York 1992
North Carolina		Yes	State of North Carolina 1992
North Dakota		Yes	State of North Dakota 1992
Ohio		Yes	State of Ohio 1992
Oklahoma		Yes	State of Oklahoma 1991
Oregon		Yes	State of Oregon 1992
Pennsylvania		Yes	Commonwealth of Pennsylvania 1992
Rhode Island		Yes	State of Rhode Island 1992
South Carolina		Yes	State of South Carolina 1992
South Dakota		Yes	State of South Dakota 1992
Tennessee		Yes	State of Tennessee 1992
Texas		Yes	State of Texas 1992
Utah		Yes	State of Utah 1992
Vermont		Yes	State of Vermont 1992
Virginia		Yes	Commonwealth of Virginia 1992
Washington		Yes	State of Washington 1992
West Virginia		No	State of West Virginia 1992
Wisconsin		Yes	State of Wisconsin 1992
Wyoming		Yes	State of Wyoming 1992
	Used oil classification as a hazardous waste by the state		
Alabama		No	State of Alabama 1991
Alaska		No	State of Alaska 1992
Arizona		No	State of Arizona 1992
Arkansas		No	State of Arkansas 1992
California		Yes ^d	State of California 1992

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**TABLE 7-1. Regulations and Guidelines Applicable to
Used Mineral-based Crankcase Oil (*continued*)**

Agency	Description	Information	Reference
<u>STATE (Cont.)</u>			
Colorado		No	State of Colorado 1992
Connecticut		No	State of Connecticut 1991
Delaware		No	State of Delaware 1992
Washington, DC		No	District of Columbia 1992
Florida		Yes ^d	State of Florida 1992
Georgia		No	State of Georgia 1992
Hawaii		No	State of Hawaii 1992
Idaho		No	State of Idaho 1992
Illinois		Yes ^d	State of Illinois 1992
Indiana		No	State of Indiana 1992
Iowa		No	State of Iowa 1992
Kansas		No	State of Kansas 1992
Kentucky		No	Commonwealth of Kentucky 1992
Louisiana		No	State of Louisiana 1992
Maine		No	State of Maine 1992
Maryland		No	State of Maryland 1992
Massachusetts		Yes	Commonwealth of Massachusetts 1992
Michigan		No	State of Michigan 1992
Minnesota		Yes (non- recycled)	State of Minnesota 1992
Mississippi		No	State of Mississippi 1992
Missouri		Yes	State of Missouri 1992
Montana		No	State of Montana 1992
Nebraska		No	State of Nebraska 1992
Nevada		No	State of Nevada 1992
New Hampshire		Yes	State of New Hampshire 1992
New Jersey		Yes	State of New Jersey 1992
New Mexico		No	State of New Mexico 1991
New York		No	State of New York 1992
North Carolina		No	State of North Carolina 1992
North Dakota		No	State of North Dakota 1992
Ohio		No	State of Ohio 1992
Oklahoma		No	State of Oklahoma 1991
Oregon		No	State of Oregon 1992
Pennsylvania		No	Commonwealth of Pennsylvania 1992
Rhode Island		Yes	State of Rhode Island 1992
South Carolina		No	State of South Carolina 1992
South Dakota		No	State of South Dakota 1992
Tennessee		No	State of Tennessee 1992
Texas		No	State of Texas 1992
Utah		No	State of Utah 1992
Vermont		Yes	State of Vermont 1992
Virginia		No	Commonwealth of Virginia 1992
Washington		No	State of Washington 1992
West Virginia		No	State of West Virginia 1992
Wisconsin		No	State of Wisconsin 1992
Wyoming		Yes	State of Wyoming 1992

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TABLE 7-1. Regulations and Guidelines Applicable to Used Mineral-based Crankcase Oil (*continued*)

Agency	Description	Information	Reference
<u>STATE</u> (Cont.)			
	State regulation concerning the tracking of used oil (end-use regulation)		
Alabama		Yes	State of Alabama 1991
Alaska		Yes	State of Alaska 1992
Arizona		Yes	State of Arizona 1992
Arkansas		Yes	State of Arkansas 1992
California		Yes	State of California 1992
Colorado		No	State of Colorado 1992
Connecticut		Yes	State of Connecticut 1991
Delaware		Yes	State of Delaware 1992
Washington, DC		No	District of Columbia 1992
Florida		Yes	State of Florida 1992
Georgia		Yes	State of Georgia 1992
Hawaii		Yes	State of Hawaii 1992
Idaho		No	State of Idaho 1992
Illinois		Yes	State of Illinois 1992
Indiana		Yes	State of Indiana 1992
Iowa		No	State of Iowa 1992
Kansas		Yes	State of Kansas 1992
Kentucky		Yes	Commonwealth of Kentucky 1992
Louisiana		Yes	State of Louisiana 1992
Maine		Yes	State of Maine 1992
Maryland		Yes	State of Maryland 1992
Massachusetts		Yes	Commonwealth of Massachusetts 1992
Michigan		Yes	State of Michigan 1992
Minnesota		Yes	State of Minnesota 1992
Mississippi		Yes	State of Mississippi 1992
Missouri		Yes	State of Missouri 1992
Montana		Yes	State of Montana 1992
Nebraska		Yes	State of Nebraska 1992
Nevada		Yes	State of Nevada 1992
New Hampshire		Yes	State of New Hampshire 1992
New Jersey		Yes	State of New Jersey 1992
New Mexico		Yes	State of New Mexico 1991
New York		Yes	State of New York 1992
North Carolina		Yes	State of North Carolina 1992
North Dakota		No	State of North Dakota 1992
Ohio		Yes	State of Ohio 1992
Oklahoma		Yes	State of Oklahoma 1991
Oregon		Yes	State of Oregon 1992
Pennsylvania		Yes	Commonwealth of Pennsylvania 1992
Rhode Island		Yes	State of Rhode Island 1992
South Carolina		Yes	State of South Carolina 1992
South Dakota		Yes	State of South Dakota 1992
Tennessee		No	State of Tennessee 1992
Texas		Yes	State of Texas 1992
Utah		Yes	State of Utah 1992
Vermont		Yes	State of Vermont 1992
Virginia		Yes	Commonwealth of Virginia 1992

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TABLE 7-1. Regulations and Guidelines Applicable to Used Mineral-based Crankcase Oil (*continued*)

Agency	Description	Information	Reference
<u>STATE</u> (Cont.)			
Washington		Yes	State of Washington 1992
West Virginia		No	State of West Virginia 1992
Wisconsin		Yes	State of Wisconsin 1992
Wyoming		No	State of Wyoming 1992

^aThere is sufficient evidence for the carcinogenicity of one sample of used gasoline-engine oil [class 7.2] and limited evidence for the carcinogenicity of some cutting oils [classes 7.1 and 7.2] to experimental animals. There is sufficient evidence from studies in humans that mineral oils (containing various additives and impurities) which have been used in occupations such as mulespinning, metal machining and jute processing are carcinogenic to humans.

^bThe state has adopted the Federal Regulation found in 40 CFR 266.30-266.44.

^cThe "No" indicates that the state does not specifically recognize used oil, so the liability regulations may or may not apply.

^dUsed crankcase oil is not a hazardous waste, but is regulated as a hazardous waste.

EPA = Environmental Protection Agency; IARC = International Agency for Research on Cancer; NS = not specified; RCRA = Resource Conservation and Recovery Act; VOC = Volatile Organic Compound

