

ANNEXURE II C

EMISSION FACTORS FOR OIL/GREASE USE ,CHANGE OVER FREQUENCY AND DISPOSAL METHOD

Source : Field Surveys of Garages, Service Stations etc

Type of Vehicle	Type of HW	Quantity Used	Change over frequency	DISPOSAL
Two wheeler	Engine oil	1 Liter/oil Change	Once a year	Scrap Dealer
	Rags	0.05 kg	per maintenance Trip	Rag picker /MSW
Three Wheelers	Engine oil	1 Liter/oil Change	Once a year	Scrap Dealer
	Rags	0.05 kg	per maintenance Trip	Rag picker /MSW
Four wheeler	Engine oil	5 Liter/oil Change	5000 --7000 Km	Scrap Dealer
Cars, Taxies etc.	Gear oil			
	Gear (box)	2 Liter/Oil Change	15000 --20000 Km	Scrap Dealer
	Gear (differential)	2 Liter/Oil Change	15000 --20000 Km	Scrap Dealer
	Brake oil	0.25 Liter/Oil change	1 year	Drains
	Auto Transmission Fluid	?	Not fixed	Drains
	Rags	0.1 kg	per maintenance Trip	Rag picker /MSW
Four wheeler	Engine oil	5 Liter/oil Change	5000 --7000 Km	Scrap Dealer
Jeeps, Tractor etc.	Gear oil			
	Gear(box)	2 Liter/oil Change	15000 --20000 Km	Scrap Dealer
	Gear(differential)	2 Liter/oil Change	15000 --20000 Km	Scrap Dealer
	Brake oil	0.25 Liter/oil Change	1 year	Drains
	Grease	4 Liter/oil Change	Not fixed	Rag Picker/ MSW Dump
	Auto Transmission Fluid	?	Not fixed	Drains
	Rags	0.1 kg	per maintenance Trip	Rag picker /MSW
Heavy Vehicle	Engine oil	16 Liter/oil Change	5000 --7000 Km	Scrap Dealer
Bus & Trucks	Gear oil			
	Gear(box)	7Liter/oil Change	15000 --20000 Km	Scrap Dealer
	Gear(diff)	7Liter/oil Change	15000 --20000 Km	Scrap Dealer
	Brake oil	0.75Liter/oil Change	1 year	Drains
	Grease	10-12 Kg/vehicle / Change	Not fixed	Rag Picker/ Municipal solid waste
	Auto Transmission Fluid	(?)	Not fixed	Drains
	Rags	0.2kg /Vehicles/ per maintenance trip		Rag picker /MSW