

Penetrating Lubricants				
Impacts	Units ¹	RGWJ-0006	PPXI-0005	
Acidification	millimoles H ⁺ equivalents	2.12E+06	1.20E+06	
Criteria Air Pollutants	microDALYs	2.41E+02	4.24E+02	
Ecological Toxicity	g 2,4-D equivalents	2.31E+04	3.47E+04	
Eutrophication	g N equivalents	1.97E+04	3.02E+03	
Fossil Fuel Depletion	MJ surplus energy	3.83E+04	4.58E+04	
Global Warming	g CO ₂ equivalents	3.09E+06	2.70E+06	
Habitat Alteration	T&E count	0.00E+00	0.00E+00	
Human Health	g C ₇ H ₈ equivalents	2.35E+07	3.07E+07	
Indoor Air Quality	g TVOCs	0.00E+00	0.00E+00	
Ozone Depletion	g CFC-11 equivalents	1.40E-03	5.04E-03	
Smog	g NO _x equivalents	3.63E+04	7.18E+03	
Water Intake	liters of water	3.69E+05	7.98E+04	
Functional Unit	-----	One 55-gallon Drum over 10 Years of Use		

¹Following are more complete descriptions of units: Acidification: millimoles of hydrogen ion equivalents; Criteria Air Pollutants: micro Disability-Adjusted Life Years; Ecological Toxicity: grams of 2,4-dichlorophenoxy-acetic acid equivalents; Eutrophication: grams of nitrogen equivalents; Fossil Fuel Depletion: megajoules of surplus energy; Global Warming: grams of carbon dioxide equivalents; Habitat Alteration: threatened and engangered species count; Human Health: grams of toluene equivalents; Indoor Air Quality: grams of Total Volatile Organic Compounds; Ozone Depletion: grams of chloroflourocarbon-11 equivalents; Smog: grams of nitrogen oxide equivalents; and Water Intake: liters of water.