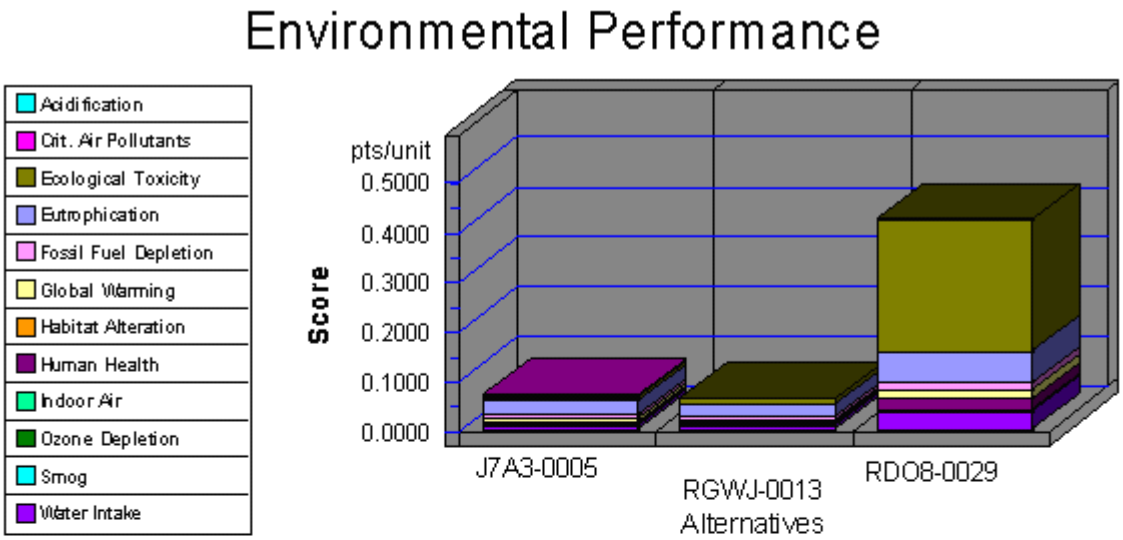
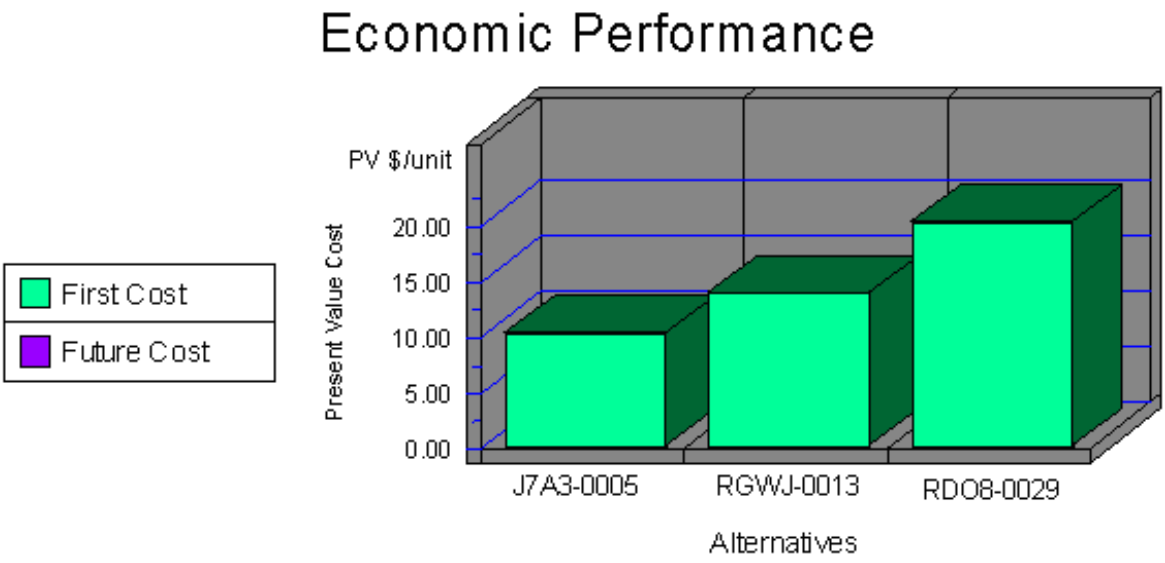
Chain & Cable Lubricants - BEES Analysis Results

Functional Unit: 1 gallon



Note: Lower values are better

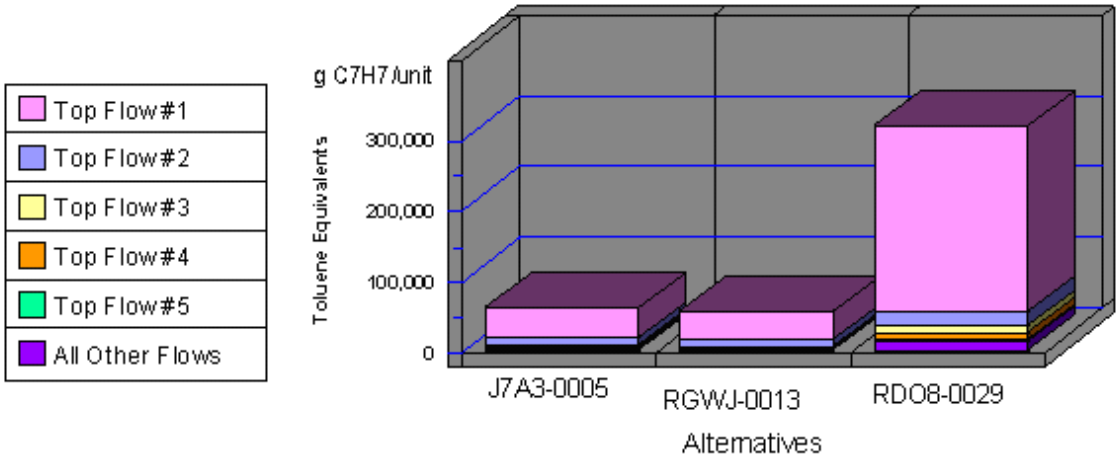
Category	J7A3-0005	RGWJ-0013	RDO8-0029
Acidification–5%	0.0000	0.0000	0.0000
Crit. Air Pollutants--6%	0.0002	0.0001	0.0003
Ecolog. Toxicity–11%	0.0104	0.0094	0.2630
Eutrophication--5%	0.0272	0.0246	0.0640
Fossil Fuel Depl.--5%	0.0062	0.0056	0.0118
Global Warming–16%	0.0061	0.0054	0.0184
Habitat Alteration–16%	0.0000	0.0000	0.0000
Human Health–11%	0.0043	0.0038	0.0219
Indoor Air–11%	0.0000	0.0000	0.0000
Ozone Depletion--5%	0.0000	0.0000	0.0000
Smog--6%	0.0049	0.0044	0.0038
Water Intake--3%	0.0081	0.0073	0.0370
Sum	0.0674	0.0606	0.4202



Category	J7A3-0005	RGWJ-0013	RDO8-0029
First Cost	10.17	13.78	20.20
Future Cost – 3.9%	0.00	0.00	0.00
Sum	10.17	13.78	20.20

*No significant/quantifiable durability differences were identified among competing alternatives. Therefore, future costs were not calculated.

Human Health by Sorted Flows*



Note: Lower values are better

Category	J7A3-0005	RGWJ-0013	RDO8-0029
Cancer--(w) Arsenic (As3+, As5+	42,165.59	39,067.71	261,598.78
Cancer–(w) Phenol (C6H5OH)	10,744.12	10,503.58	19,563.92
Cancer--(a) Dioxins (unspecifie	3,281.68	1,738.49	9,266.82
Cancer--(a) Arsenic (As)	2,434.22	902.34	8,953.43
Noncancer–(w) Mercury (Hg+, Hg	531.58	491.86	4,048.35
All Others	2,359.23	2,061.67	12,578.71
Sum	61,516.42	54,765.64	316,010.02

*Sorted by five topmost flows for worst-scoring product