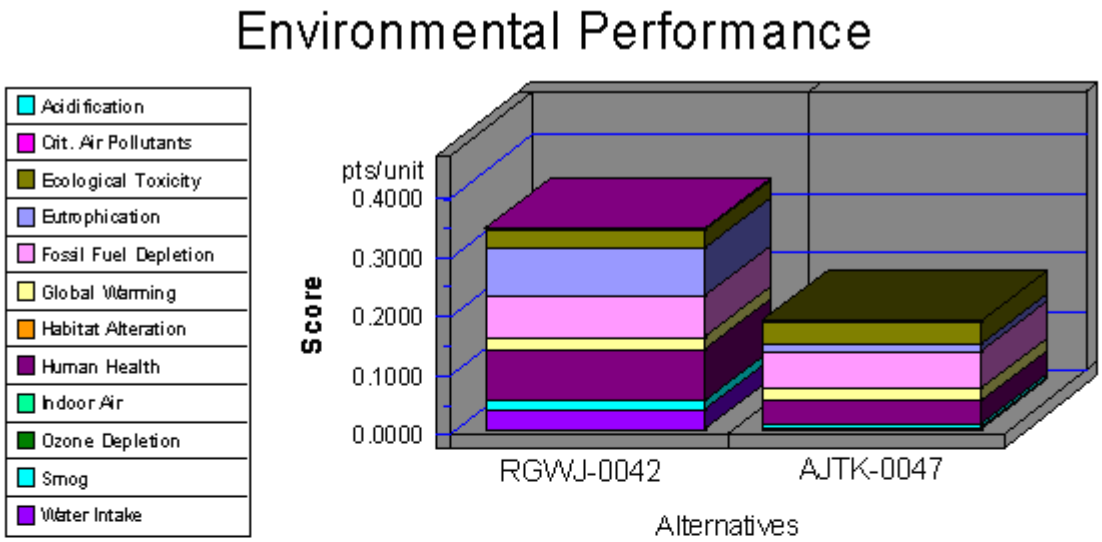
Gear Lubricants – BEES Analysis Results

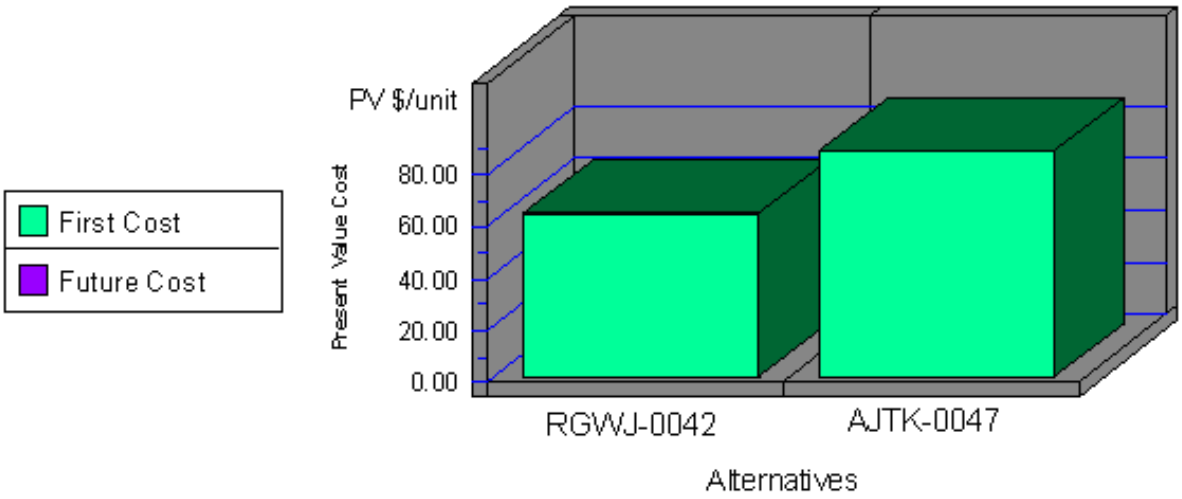
Functional Unit: 5 gallons



Note: Lower values are better.

Category	RGWJ-0042	AJTK-0047
Acidification–5%	0.0000	0.0000
Crit. Air Pollutants--6%	0.0009	0.0009
Ecolog. Toxicity–11%	0.0326	0.0387
Eutrophication--5%	0.0802	0.0122
Fossil Fuel Depl.--5%	0.0679	0.0641
Global Warming–16%	0.0224	0.0214
Habitat Alteration–16%	0.0000	0.0000
Human Health–11%	0.0867	0.0383
Indoor Air–11%	0.0000	0.0000
Ozone Depletion--5%	0.0000	0.0000
Smog--6%	0.0164	0.0064
Water Intake--3%	0.0334	0.0036
Sum	0.3405	0.1856

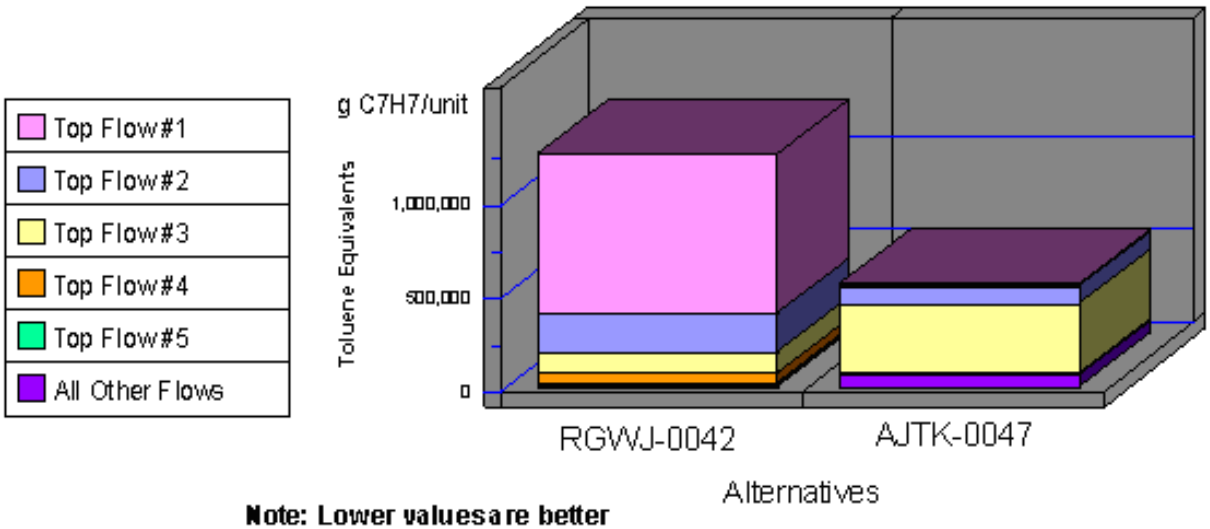
Economic Performance



Category	RGWJ-0042	AJTK-0047
First Cost	63.08	87.50
Future Cost-- 3.9%	0.00	0.00
Sum	63.08	87.50

*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	RGWJ-0042	AJTK-0047
Cancer--(a) Dioxins (unspecifie	850,097.09	10,070.97
Cancer--(w) Arsenic (As3+, As5+	211,688.49	88,117.48
Cancer–(w) Phenol (C6H5OH)	116,261.00	379,251.40
Noncancer–(a) Dioxins (unspeci	50,758.00	601.32
Cancer--(a) Arsenic (As)	5,728.80	9,792.82
All Others	17,086.00	64,920.27
Sum	1,251,619.37	552,754.26

*Sorted by five topmost flows for worst-scoring product