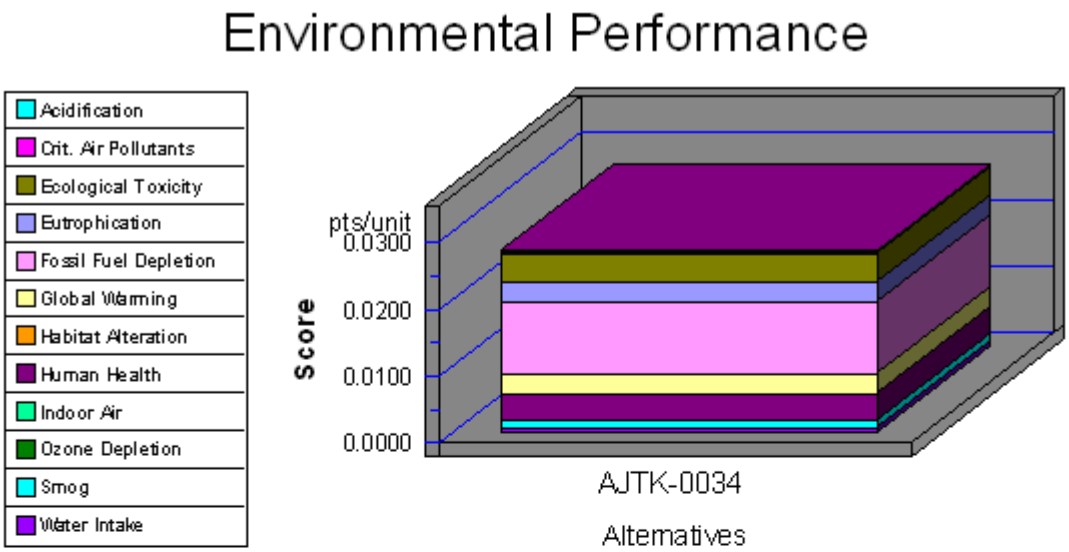
Forming Lubricants – BEES Analysis Results

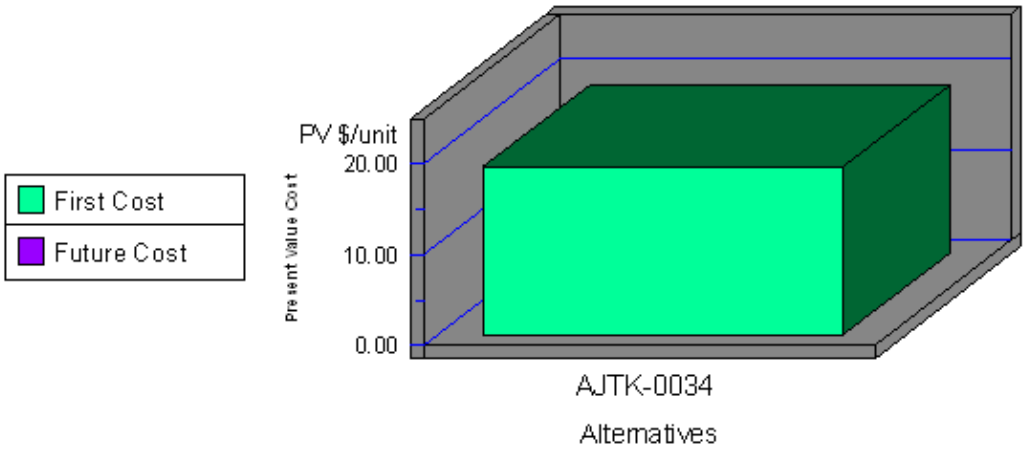
Functioning Unit: 1 Gallon



Note: Lower values are better

Category	AJTK-0034
Acidification–5%	0.0000
Crit. Air Pollutants–6%	0.0001
Ecolog. Toxicity–11%	0.0044
Eutrophication–5%	0.0029
Fossil Fuel Depl.–5%	0.0108
Global Warming–16%	0.0028
Habitat Alteration–16%	0.0000
Human Health–11%	0.0042
Indoor Air–11%	0.0000
Ozone Depletion–5%	0.0000
Smog–6%	0.0010
Water Intake–3%	0.0009
Sum	0.0271

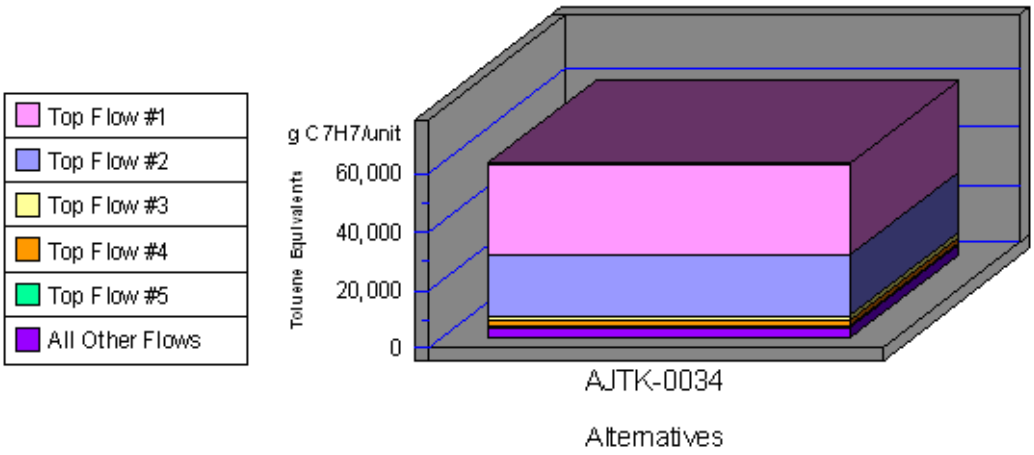
Economic Performance



Category	AJTK-0034
First Cost	18.50
Future Cost-- 3.9%	0.00
Sum	18.50

*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	AJTK-0034
Cancer–(w) Arsenic (As3+, As5+	31,323.01
Cancer–(w) Phenol (C6H5OH)	20,445.90
Cancer--(a) Arsenic (As)	1,797.68
Cancer--(a) Dioxins (unspecifie	1,742.32
Noncancer–(a) Mercury (Hg)	810.64
All Others	3,895.42
Sum	60,014.97

*Sorted by five topmost flows for worst-scoring product