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Fluid Comparison: EnviroLogic® 3032/3046/3068 Physical and Performance Properties

Typical Properties			
	EnviroLogic 3032	EnviroLogic 3046	EnviroLogic 3068
ISO Viscosity Grade	32	46	68
Viscosity, centistokes			
@ 100° C	7.2	10.0	12.5
@ 40° C	32.0	46.0	68.0
Viscosity Index	190	178	176
Brookfield Viscosity@-30C, cps	1750	3900	5100
Pour Point, °C	-42	-40	-39
Flash Point, °F	>400	>400	>400
Specific Gravity, 15.6C (60F)	0.85	0.86	0.90
Density, lb/gal, 15.6C (60F)	7.08	7.16	7.49
API Gravity, 15.6C (60F)	35.0	33.0	25.7
Performance Properties			
Rust, D-665B	Pass	Pass	Pass
FZG, D5182, Pass Stage	11	11	11
Oxidation Stability, D-943, dry Hrs to TAN>2	>1300	>1300	>1300
Demulsibility, D-1401	40/40/0	40/40/0	40/40/0
Copper Corrosion, D-130	1A	1A	1A
Foam, D-892 (Seq. I,II,III)	0/0/0	0/0/0	0/0/0
Vickers 35VQ25 Vane Pump Test	Pass	Pass	Pass
Seal Compatibility (Buna-N, Viton, polyurethane)	Pass	Pass	Pass
Turf Response to Spill	Grow back	Grow back	Grow back
Biodegradability, D 5864, %	>60	>60	>60
Aquatic Toxicity:			
Trout, LC50, ppm, OECD 201	>10,000	>10,000	>10,000
Daphnia magna, EC50 ppm, OECD 202	>10,000	>10,000	>10,000
Algae EC50, ppm, OECD 203	100 - 1000	100 - 1000	100 - 1000

Other notes: EnviroLogic® 3032/3046/3068 meet the requirements for the following manufacturers and most major manufacturers: Denison HF-O, Vickers M-2950-S, Vickers V-104C, Vickers 35VQ-25, Cincinnati Milacron P-68/P-70/P-69, Sauer Sundstrand, ATI 9101, Denison TP 30283A, and Vane Pump Test/P46 Pump Test. **The products have been approved and are listed by Rexroth.**