



Permawick Company Sales and Executive Office  
 255 east Brown Street, Suite 100  
 Birmingham, Michigan, 48009  
 Phone: (248) 433-3500 Fax: (248) 433-1824  
 Email: [Sales@Permawick.com](mailto:Sales@Permawick.com)  
 Web: [www.Permawick.com](http://www.Permawick.com)

## Permawick Oil Guide

Permawick Part Number	Base-stock	Operating Range °F	Operating range °C	Plastic Compatible?	Viscosity @40°C	Viscosity Index	Performance Characteristics	Applications
280 280	Mineral	-20 to 200	-28 to 100	Yes	57	126	Low cost, good volatility, oxidation stability and hydrolytic stability	HVAC, power windows, ABS, freezers, garage door openers, also higher RPM appliances such as blenders, power tools, vacuum cleaners and axial fans
284 284		-20 to 200	-28 to 100	Yes	79	117		
PHC150	Hydro-treated	-20 to 220	-30 to 105	Yes	32	125	Allows performance benefits beyond traditional mineral oils, especially thermo-oxidatively	Medium life applications, HVAC, power windows, ABS, freezers, garage door openers, also higher RPM appliances such as blenders, power tools, vacuum cleaners and axial fans, garbage disposal, dishwashers, laundry machines, Sump pumps.
PHC 300		-20 to 220	-30 to 110		60	125		
PHC 400		-20 to 220	-30 to 110		77	125		
P2AO40	Polyalphaolefin	-50 to 120	-45 to 50	Yes	5.3	N/A	Compatible with many plastics, paints, seals such as BUNA, excellent low temp capability, good VI, Hydrolytically stable, outstanding thermo-oxidative stability, large range of viscosities	Long life and extreme temperature applications, used in HVAC, power windows, freezers, & refrigerators. Allow easy low temp start-up, works in high RPM appliances like blenders, PC fans and power tools. Skeleton, C-frame and axial fan motors
P2AO60		-50 to 125	-45 to 52		11	116		
P2AO90		-45 to 230	-43 to 110		18	120		
P2AO110		-40 to 240	-40 to 115		22	130		
P2AO180		-40 to 250	-40 to 120		38	122		
P2AO350		-40 to 260	-40 to 125		68	144		
P2AO460		-40 to 260	-40 to 125		100	142		
P2AO550		-40 to 260	-40 to 125		109	140		
P2AO650		-40 to 260	-40 to 125		134	150		



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PSL150	Diester	-50 to 250	-45 to 120	Depends on plastic type <sup>1</sup>	32	228	Wide operating range, outstanding, excellent anti-wear, volatility and thermo-oxidative properties. Large range of viscosities available	Superior life and extreme temperature applications, Used Radiator, HVAC, Power windows, freezers and refrigerators. High RPM applications such as power tools. PC fans DVD players, kitchen appliances, aquarium pumps, C-frame and axial fan motors
PSL300		-35 to 250	-37 to 120		62	180		
PSL365		-50 to 300	-45 to 150		59	190		
PSL151	Polyolester	-50 to 300	-45 to 150	Depends on plastic type <sup>1</sup>	32	189	Well suited for high temp applications. Extends beyond the temp range of diesters. Good VI, excellent volatility, film strength and thermo-oxidative stability	Premium life applications Used in but not limited to Radiators, HVAC, Power windows, freezers and refrigerators. High RPM applications such as power tools. PC fans DVD players, kitchen appliances, aquarium pumps, C-frame and axial fan motors
LT 200		-50 to 300	-45 to 150		40	180		
PSL 200		-50 to 300	-45 to 150		42	213		
PSL213		-50 to 300	-45 to 150		45	166		
PSL213D		-40 to 300	-40 to 150		60	185		
HT300		-40 to 300	-40 to 150		60	185		
PSL301		-40 to 300	-40 to 150		60	188		
PSL313		-40 to 300	-40 to 150		67	133		
PSL313D		-35 to 300	-37 to 150		80	176		
PSL400		32 to 350	0 to 175		217	n/a		
PSL1000	PFPE	40 to 400	5 to 205	Yes	810	134	Ultra high temps	Oven fan motors
PSL371								

1. Compatibility of Esters should be checked when using ABS, Polycarbonates, Polysulfone and Polyphenylene