



## WHITE MINERAL OIL PRODUCT SPECIFICATIONS

	VISCOSITY		SPECIFIC GRAVITY ASTM D-4052 @ 77° F	FLASH POINT ASTM D-92 (Typical)		POUR POINT ASTM D-97 (Typical)	
	ASTM D-2161 SUS @ 100° F	ASTM-D7042 CST @ 40° C		° F	° C	° F	° C
<b>MINERAL OIL USP</b>							
Drakeol® 600	515/625	99.0/120.0	.860/.878	505	263	max 20	max -7
Drakeol® 350	350/370	66.7/71.2	.857/.873	min 400	min 206	5	-15
Drakeol® 35	340/365	65.8/71.0	.864/.881	465	240	10	-12
Drakeol® 34	370/410	72.0/79.5	.858/.872	475	246	10	-12
Drakeol® 32	312/330	60.0/63.3	.856/.876	440	226	5	-15
Drakeol® 21	200/215	38.4/41.5	.853/.876	420	215	5	-15
Drakeol® 19	180/190	34.9/37.3	.852/.876	410	210	5	-15
<b>LIGHT MINERAL OIL NF</b>							
Drakeol® 15	145/155	28.1/30.3	.850/.873	405	207	5	-15
Drakeol® 13	125/135	24.2/26.3	.848/.867	400	204	5	-15
Drakeol® 10	102/115	19.0/21.9	.838/.864	415	212	10	-12
Drakeol® 10B	95/105	17.7/20.2	.867/.884	340	173	-35	-37
Drakeol® 9	80/90	14.2/17.0	.833/.861	385	196	0	-18
Drakeol® 7	65/75	10.8/13.6	.833/.861	360	182	-15	-26
Drakeol® 6 VR	60.0(typ)	9.4/10.0	.834/.838	350	177	-15	-26
Drakeol® 5	50/60	6.9/9.6	.818/.861	335	168	-20	-29
Draketex® 50	48/53	6.5/7.8	.820/.861	325	163	10	-12
Penetecck	39.5/44	3.9/5.3	.821/.837	290	143	-30	-35
<b>TECHNICAL MINERAL OIL</b>							
Parol® 100	100/115	19.0/21.9	.838/.864	400	204	-5	-21
Parol® 80	75/90	13.2/17.0	.837/.863	380	193	-5	-21
Parol® 70	65/75	10.8/13.6	.833/.861	365	185	-10	-23
4463 Oil	42/59	No Spec	No Spec	325	162	50	10
6970 Oil	50/75	No Spec	No Spec	340	171	15	-9
6970 LP Oil	50/75	No Spec	No Spec	330	165	-30	-34

**Penreco specializes in Niche Product Blending to meet customer or monograph (including, not limited to USP/NF, EP, JP, EU) specific requirements.**

Manufacturing specifications are confirmed upon request.

### Regulatory Information

- White Mineral Oil is included on the TSCA Inventory.
- The CAS number for all products listed above is 8042-47-5.
- See Safety Data sheet for additional health, safety and disposal information.
- All Drakeol products, Draketex 50, and Penetecck meet the following FDA regulations: 21 C.F.R. § 172.878 regarding direct food additives, 21 C.F.R. § 178.3620 (a) regarding indirect food additives, and 21 C.F.R. § 573.680 regarding animal food additives and H1 food processing lubricant standards. Penreco technical mineral oils meet 21 C.F.R. § 178.3620 (b) regarding indirect food additives and 21 C.F.R. § 573.680 regarding animal food additives.

### Notes

- All Drakeol products, Draketex 50, and Penetecck are inhibited with less than 20 ppm dl-alpha tocopherol (vitamin E).
- Colors for all Drakeol products, Draketex 50, and Penetecck are +30 Saybolt. Colors of all technical oils are at least +20 Saybolt.
- Test methods used are current USP/ASTM or validated Penreco equivalents.

Product Specifications are subject to change. All product sales are subject to the applicable terms and conditions.

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Hydrocal Calsol™ Calpro Calpar Orchem® Versagel® Synergel® Drakesol Conosol® MagieSol® Drakeol® Parol® Inkol® Draketex Penetecck®



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## WHITE MINERAL OIL APPLICATIONS

	Drakeol® 5	Drakeol® 6 VR	Drakeol® 7	Drakeol® 9	Drakeol® 13	Drakeol® 19	Drakeol® 21	Drakeol® 600 & 34	Drakeol® 350 & 35	Draketex 50	Peneteck®	Parol® & 6970 Oils
<b>■ COSMETICS</b>												
Baby Oils			✓	✓								
Creams and Lotions			✓	✓	✓	✓	✓		✓			
Suntan Oils			✓	✓	✓	✓	✓		✓			
Sunscreens			✓	✓	✓	✓	✓		✓			
Hair Products	✓		✓	✓							✓	
Makeups	✓		✓	✓							✓	
Makeup Removers	✓		✓	✓							✓	
Absorption Bases			✓	✓								
Depilatories			✓	✓								
Bath Oils			✓	✓	✓							
<b>■ PHARMACEUTICALS</b>												
Laxatives						✓	✓		✓			
Topical Ointments			✓	✓	✓	✓						
Gelatin Capsule Lubricants	✓		✓								✓	
Active Ingredient Carrier	✓											
<b>■ FOOD INDUSTRY</b>												
Bakery Pan Oils								✓	✓			
Divider Oils			✓	✓	✓	✓						
Animal Feed Dedusting												✓
Mold Release Lubricants	✓		✓	✓							✓	
Egg Coatings	✓		✓								✓	
Coatings for Fruit & Vegetables	✓		✓	✓	✓						✓	
Food Packaging Materials	✓		✓	✓	✓	✓	✓	✓	✓		✓	✓
Food Grade Lubricants & Greases						✓	✓	✓	✓			
Meat Packaging			✓	✓								✓
<b>■ PLASTICS &amp; ELASTOMERS</b>												
Polystyrene Internal Lubricants							✓	✓	✓			
PVC - External Lubricants							✓	✓	✓			
Plastics Annealing							✓	✓	✓			
Catalyst Carriers						✓	✓	✓	✓			
Thermoplastic Rubber - Extender Oils								✓	✓			
<b>■ MISCELLANEOUS</b>												
Textile Lubricants	✓		✓	✓						✓	✓	
Adhesives							✓	✓	✓			
Household Cleaners & Polishes	✓		✓					✓	✓	✓	✓	✓
<b>■ VETERINARY</b>												
Adjuvants and Injectables	✓	✓										

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