

## Typical Physical & Chemical Properties

Physical Properties	Methods	701	1001	2401	6001
Viscosity at 100F, SUS	ASTM D2161	70	106	212	530
Viscosity at 210F, SUS	ASTM D2161	36	40	44	68
Viscosity at 40C, cst	ASTM D445	12.0	20.0	41.0	106.0
Viscosity at 100C, cst	ASTM D445	2.9	4.08	6.3	12.0
API Gravity, 60F	ASTM D4052	33.8	34.4	32.1	31.0
Specific Gravity, 60F	ASTM D4052	0.856	0.853	0.865	0.871
Weight, lb/gal	ASTM D4052	7.13	7.10	7.20	7.25
Viscosity Gravity Constant	ASTM D2501	0.817	0.802	0.804	0.795
Molecular Weight	ASTM D2502	318	369	430	586
Pour Point, C	ASTM D5950	-30	-15	-15	-15
Saybolt Color	ASTM D156	+25	+25	+25	+25
UV Absorptivity @ 260nm	ASTM D2008	<0.0001	<0.0010	0.0019	0.0030
Volatility – Mass% @ 225F	ASTM D972	2.33	0.52	0.09	0.02
Flash Point, COC, F	ASTM D92	374	403	446	509
Sulfur, ppm	ASTM D5453	<6	<6	<6	<6
Refractive Index at 20C	ASTM D1218	1.4681	1.4682	1.4740	1.4781
Aniline Point, F	ASTM D611	207	225	238	257

Chemical Properties	Methods	701	1001	2401	6001
Clay-gel mass, %	ASTM D2007				
Asphaltenes		0.0	0.0	0.0	0.0
Polar Compounds		0.1	0.1	0.1	0.1
Aromatics		0.3	0.5	1.3	3.1
Saturates		99.6	99.4	98.6	96.8
Carbon type by ndM	ASTM D3238				
% Carbon in paraffinic structure		61	68	66	71
% Carbon in naphthenic structure		39	32	34	29
% Carbon in aromatic structure		0	0	0	0
Carbon type analysis, %	ASTM D2140				
Ca		<1	<1	<1	<1
Cn		40	34	35	29
Cp		60	66	65	71
Aromatics by HPLC	Chevron	<1	<1	<1	<1
Saturates by HPLC	Chevron	>99	>99	>99	>99
21 CFR 178.3620 (C)	FDA	Pass	Pass	Pass	Pass

Chevron premium process oils are chemically pure, practically water-white with exceptional color stability, low volatility and practically zero aromatics. Consequently, they are an economical alternative to technical white oils in many applications.

### Applications That Benefit From Paralux Process Oils

- Adhesives, Sealants and Coatings
- Agricultural Spray
- Automobile Interior Moldings
- Automotive Under Hood Parts
- Carpet Underlayment
- Dielectric Fluids
- Drilling Fluids
- Foam
- Footwear
- Furniture Polish
- Gels
- Heat Transfer Fluids
- Household Products
- Insulation
- Polymer Modified Asphalts
- Roofing Compounds
- Rubber Membranes
- Textiles
- Weather-Stripping
- Wire and Cable Insulation

### For More Information or To Request a Sample

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