



# PARALUX<sup>®</sup> PROCESS OILS

## 701, 1001, 2401, 6001

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### PRODUCT DESCRIPTION

ParaLux<sup>®</sup> Process Oils are all-hydroprocessed, colorless oils that can be used as clear processing aids or extender oils in a variety of specialty applications.

### CUSTOMER BENEFITS

ParaLux Process Oils deliver value and performance through:

- **High oxidation stability**
- **Very good color stability and clarity**
- **Low volatility and low weight loss**

ParaLux Process Oils can typically substitute for food-grade white oils in non-food grade applications where discoloration, staining, sludging, or fogging needs to be minimized.

### FEATURES

ParaLux Process Oils are highly saturated water-white oils with very low aromatic content.

Chevron's modern all-hydroprocessing technology assures that these oils are virtually colorless and odorless.

ParaLux Process Oils are non-toxic and meet **U.S. Food and Drug Administration (FDA)** requirement 21 CFR 178.3620(c) for components of nonfood articles.

### APPLICATIONS

ParaLux Process Oils function as processing aids or as extender oils in rubber compounding. They help to:

- Minimize the amount of time required for mixing
- Minimize the amount of heat generated in mixing
- Maximize the dispersion of components

- Optimize product volume
- Manage product cost while maintaining the physical properties of the rubber compound

ParaLux Process Oils are ideal for use in a wide variety of specialty applications, including:

- Footwear and gel insoles
- Agricultural spray
- Furniture polish
- Textile lubricants
- Paper defoamers
- Adhesives, sealants, caulks and coatings
- Polymer modified asphalt
- White oil feedstocks
- Automobile interior moldings
- Automotive under hood parts
- Thermoplastic products
- Insulation
- Gels and gel candles
- Masterbatch colorants
- Dielectric fluids
- Drilling fluids
- Heat transfer fluids
- Foam and urethanes
- Household products
- Roofing compounds
- Rubber membranes
- Weather-stripping

### PRODUCT ORDERING

Renkert Oil is Chevron's authorized distributor for ParaLux Process Oil products in the United States and Europe.

Always confirm that the Chevron product selected whether combined with other products or used alone will meet the required usage specifications or original equipment manufacturers recommendation for the equipment operating conditions and customer's maintenance practices.

A **Chevron** company product

16 March 2010  
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## ParaLux® Process Oils — Continued

For ordering drum-size or bulk quantities of ParaLux® premium Process Oils, please contact Renkert Oil at 1-610-286-8012, 1-800-423-6457, or email [info@renkertoil.com](mailto:info@renkertoil.com). Visit the Chevron website at <http://www.chevron.com/processoils> or Renkert Oil website at <http://www.RenkertOil.com> for more information about ParaLux Process Oils.

### TYPICAL TEST DATA

		<b>701</b>	<b>1001</b>	<b>2401</b>	<b>6001</b>
Product Number		240672	240673	240674	240675
SDS Number		10107	7022	7022	7022
Viscosity, Saybolt SUS at 100°F SUS at 210°F	ASTM D2161	70 36	110 40	221 48	589 68
Viscosity, Kinematic cSt at 40°C cSt at 100°C	ASTM D445	13.2 3.0	20.9 4.1	42.9 6.5	112.7 12.1
API Gravity, 60°F	ASTM D4052	32.9	33.9	32.0	30.4
Specific Gravity at 60/60°F	ASTM D4052	0.8607	0.8555	0.8654	0.8740
Weight, lb/gal	ASTM D4052	7.17	7.12	7.21	7.28
Viscosity Gravity Constant	ASTM D2501	0.8208	0.8054	0.8041	0.7980
Pour Point, °C(°F)	ASTM D5950	-40	-13	-13	-16
Saybolt Color	ASTM D156	+25	+25	+20	+20
Flash Pt, COC, °F	ASTM D92	381	424	453	523
Refractive Index @ 20°C	ASTM D1218	1.4681	1.4682	1.4744	1.4786
Aniline Point, °F	ASTM D611	207	224	235	257
Carbon Type by n-d-M % Paraffinic % Naphthenic % Aromatic	ASTM D3238	61 39 0	68 32 0	66 34 0	70 30 0
Saturates, NMR, wt %	Chevron	>99	>99	>99	>99
Aromatics, NMR, wt %	Chevron	<1	<1	<1	<1
21 CFR 178.3620 (c)	FDA	pass	pass	pass	pass

Minor variations in product typical test data are to be expected in normal manufacturing.

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