

# RPER MVI 750

# Product Data Sheet

This severely hydrotreated naphthenic process oil provides good solvency for the rubber and chemical processing industries. It has a low pour point, a low odor level, excellent color, and resistance to discoloration by heat or ultraviolet light.

TEST DESCRIPTION		TEST METHOD	SPECIFICATIONS		MARKETING VALUES
			Min	Max	
<b>Physical Properties</b>					
1	Viscosity, SUS at 100°F(37.8°C)	ASTM D 445	730	800	769
2	Viscosity, SUS at 210°F(98.9°C)	ASTM D 445			65.4
3	Viscosity, cSt at 40°C(104°F)	ASTM D 341			144
4	Viscosity, cSt at 100°C(212°F)	ASTM D 341			11.3
5	API Gravity, 60°F(15.6°C)	ASTM D 1250			23.1
6	Specific Gravity, 60°F(15.6°C)	ASTM D 4052			0.9152
7	Viscosity- Gravity Constant	ASTM D 2501			0.8510
8	Density, lbs/gal at 60°F	ASTM D 1250			7.622
9	Molecular Weight	ASTM D 2502			435
10	Flash Point, COC, °F(°C)	ASTM D 92	385(196)		430(221)
11	Flash Point, PMCC, °F(°C)	ASTM D 93			424(218)
12	Color, ASTM	ASTM D 6045		2.5	1.5
13	Pour Point, °F(°C)	ASTM D 5949		12(-11)	-15(-29)
14	Volatility, wt%, 225°F (Evap.Loss)	ASTM D 972			0.478
15	Cloud Point, °F(°C)	ASTM D 2500			6(-15)
16	Water Content	ERTM-1	PASS		PASS
17	Glass Transition Temperature (Tg), °C	ASTM D 3418			-62
<b>Chemical Properties</b>					
1	Acid Number, mg KOH/g	ASTM D 664		0.05	0.01
2	Aniline Point, °F(°C)	ASTM D 611	193(89)	209(98)	201(94)
3	Sulfur, wt%	ASTM D 4294			0.071
4	Sulfur, ppm	ASTM D 4294			707
5	Refractive Index, 20°C (68°F)	ASTM D 1218			1.5025
6	UV absorptivity at 260nm	ASTM D 2008			3.72
7	Clay-Gel, wt%	Asphaltenes	ASTM D 2007		<0.1
		Polar Compounds			1.79
		Aromatics			38.4
		Saturates			59.8
8	Carbon Type Analysis, %	Ca	ASTM D 2140		12
		Cn			36
		Cp			52

Disclaimer: It makes no warranties, representation or conditions of any kind expressed or implied for use with respect to these products. Final determination of suitability of the products for the application contemplated by the user is solely their responsibility.