

RPER V150BS

Product Data Sheet

This severely hydrotreated naphthenic process oil provides excellent color stability and low volatility. It passes the IP 346 labeling requirement.

TEST DESCRIPTION		TEST METHOD	PILOT DATA	
Physical Properties				
1	Viscosity, SUS at 100°F(37.8°C)	ASTM D 445	3204	
2	Viscosity, SUS at 210°F(98.9°C)	ASTM D 445	161.0	
3	Viscosity, cSt at 40°C(104°F)	ASTM D 341	601	
4	Viscosity, cSt at 100°C(212°F)	ASTM D 341	31.4	
5	API Gravity, 60°F(15.6°C)	ASTM D 1250	25.4	
6	Specific Gravity, 60°F(15.6°C)	ASTM D 4052	0.9014	
7	Viscosity Index	ASTM D 2270	85	
8	Viscosity- Gravity Constant	ASTM D 2501	0.8426	
9	Density, lbs/gal at 60°F	ASTM D 1250	7.511	
10	Molecular Weight	ASTM D 2502	627	
11	Flash Point, COC, °F(°C)	ASTM D 92	565(296)	
12	Color, ASTM	ASTM D 6045	2.0	
13	Pour Point, °F(°C)	ASTM D 5949	25(-4)	
14	Volatility, wt%, 225°F (Evap.Loss)	ASTM D 972	0.05	
15	Water Content	WTP-OP-001	PASS	
16	Appearance	WTP-OP-002	PASS	
Chemical Properties				
1	Conradson Carbon Residue, wt%	ASTM D 4530	0.2	
2	Acid Number, mg KOH/g	ASTM D 664	0.01	
3	Aniline Point, °F(°C)	ASTM D 611	261.0(127.0)	
4	Sulfur, wt%	ASTM D 4294	0.015	
5	Sulfur, ppm	ASTM D 4294	150	
6	Refractive Index, 20°C (68°F)	ASTM D 1218	1.4943	
7	UV absorptivity at 260nm	ASTM D 2008	1.16	
8	Clay-Gel, wt%	Asphaltenes	ASTM D 2007	<0.01
		Polar Compounds		2.3
		Aromatics		34.6
		Saturates		63.1
9	Carbon Type Analysis, %	Ca	ASTM D 2140	3
		Cn		30
		Cp		67
Health and Safety Properties				
1	Polycyclic Aromatic Compounds, wt%	IP 346	<3	
2	Modified Ames Assay	ASTM E 1687	PASS	
3	FDA Regulation	21 CFR 178.3620 (C)	PASS	

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.