



1540 East Lake Road . Suite 300 . Erie, PA 16511
 TEL: 814-528-9200 FAX: 814-528-9201
 www.herobx.com

Specification Sheet

HBX-3000™

Test Specifications:

Parameter	Units	Limits		Test Method
		Minimum	Maximum	
Flash point (closed cup)	°C	120	-	D 93
Kinematic viscosity @ 40°C *	mm ² /s	1.9	6.0	D 445*
Water and sediment	% volume	-	0.050	D 2709**
Cold Soak Filtration	time or volume	-	360	D 6751-08 Annex A1
Karl Fischer Moisture	% volume	-	0.050	D 6304
Sulfated ash	% mass	-	0.020	D 874
Sulfur	ppm (µg/g)	-	15	D 5453
Copper strip corrosion *	-	-	3	D 130*
Cetane number*	-	53	59	D 613*
Cloud point	°C	-	9	D 2500
Carbon residue*	% mass	-	0.050	D 4530
Acid number	mg KOH/g	-	0.50	D 664
Free glycerin	% mass	-	0.020	D 6584
Total glycerin	% mass	-	0.240	D 6584
Phosphorus content	ppm (µg/g)	-	10	D 4951
Distillation temperature Atmospheric equivalent temperature - 90 % recovered distillate *	°C	-	360	D 1160*
Sodium and Potassium, combined	ppm (µg/g)	-	5	EN 14538
Calcium and Magnesium, combined	ppm (µg/g)	-	5	EN 14538
Oxidation Stability	Hours	3	-	EN14112
Density @ 15°C	g/mL	0.860	0.900	EN ISO 3675 EN ISO 12185
Visual Inspection	-	Report		D 4176

*All parameters are to be reported on COA.

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Contact – Glenn Green
 Email – gggreen@herobx.com