

CHASE International Exports Ltd.

CERTIFICATE OF ANALYSIS

Product : 150N

Property	Test Method	Guarantee Spec.	Test Result	Unit
APPEARANCE	ASTM D4176	PASS(C&B)	PASS(C&B)	
API, Gravity @60°F	ASTM D4052		34.8	
DENSITY, @15°C, kg/L	ASTM D4052	To be reported	0.848	kg/L
DENSITY, @25°C, kg/L	ASTM D4052		0.8429	kg/L
ACIDITY TOTAL, mgKOH/g	ASTM D974	0.01 Max	0.008	mgKOH/g
Carbon Conradson, wt%	ASTM D189	0.01 Max	L0.01	wt%
COLOR ASTM	ASTM D1500	0.5 Max	L0.5	
COLOR SAYBOLT	ASTM D156	30 Min	30	
Cu-strip (100°C, 3h)	ASTM D130	1 Max	1A	
VISCOS. KIN. @40°C, mm ² /s	ASTM D445	To be reported	28.21	mm ² /s
VISCOS. KIN. @100°C, mm ² /s	ASTM D445	5 ~ 5.5	5.221	mm ² /s
VISCOSITY INDEX	ASTM D2270	100 Min	117	
POUR POINT, °C	ASTM D6749	-15 Max	-15	°C
FLASH POINT, COC, °C	ASTM D92	200 Min	228	°C
NOACK, wt%	ASTM D5800	15 Max	13.2	wt%
CCS @-20°C, cP	ASTM D5293	1850 Max	1230	
SULFUR, wtppm	ASTM D5453	10 Max	1	wtppm
MOISTURE CONTENT, wtppm	ASTM D6304	100 Max	41.3	wtppm
CA, %	ASTM D3238	1 Max	0	%

CHASE INTERNATIONAL EXPORTS LTD.

Authorized Signature

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