

Certificate Of Analysis

PRODUCT	ZENQ HD4 80W90 GL-4			Batch No.	
Date Produce		Date Tested		Remark	QC PASS
Test Item	Unit	Test Method	Specification	Test Result	Remark
Density,@15°C	kg/L	ASTM D4052	To be reported	0.878	
Viscosity,Kinematic,@40°C	mm ² /s	ASTM D445	To be reported	110.6	
Viscosity,Kinematic,@100°C	mm ² /s	ASTM D445	13.50 ~ 14.70	14.5	
Viscosity Index	-	ASTM D2270	To be reported	115	
Color, ASTM	-	Visual	To be reported	B & C	
Viscosity,Apparent,@-26°C	cP	ASTM D2983	Max 150000	138,400	
Flash Point,°C (COC)	°C	COC	To be reported	228	
Pour Point	°C	ASTM D97	Max -30	-33	
Foam Tend Seq II	mL	ASTM D892	Max 50	10	
Stab Seq II, mL	mL	ASTM D892	Max 0	0	

We hereby certify that above are correct.

Sungbo Advanced Lubricants Lab.

President :

Song Hum, Kang

28-1, UNAM-RI, EUNHYEON-MYEON, YANGJU-SI, GYEONGGI-DO, KOREA

Certificate Of Analysis

PRODUCT	ZENQ HD5 80W90 GL-5			Batch No.	
Date Produce		Date Tested		Remark	QC PASS
Test Item	Unit	Test Method	Specification	Test Result	Remark
Density,@15°C	kg/L	ASTM D4052	To be reported	0.881	
Viscosity,Kinematic,@40°C	mm ² /s	ASTM D445	To be reported	137.7	
Viscosity,Kinematic,@100°C	mm ² /s	ASTM D445	13.50 ~ 17.00	14.48	
Viscosity Index	-	ASTM D2270	To be reported	104	
Color, ASTM	-	Visual	To be reported	B & C	
Viscosity,Apparent,@-26°C	cP	ASTM D2983	Max 150000	130,000	
Flash Point,°C (COC)	°C	COC	To be reported	223	
Pour Point	°C	ASTM D97	Max -30	-35	
Foam Tend Seq II	mL	ASTM D892	Max 50	10	
Stab Seq II, mL	mL	ASTM D892	Max 0	0	

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Certificate Of Analysis

PRODUCT	ZENQ CVT			Batch No.	
Date Produce		Date Tested		Remark	QC PASS

Test Item	Unit	Test Method	Specification	Test Result	Remark
Density,@15°C	kg/L	ASTM D4052	To be reported	0.851	
Viscosity,Kinematic,@40°C	mm ² /s	ASTM D445	To be reported	35.1	
Viscosity,Kinematic,@100°C	mm ² /s	ASTM D445	13.50 ~ 17.00	7.1	
Viscosity Index	-	ASTM D2270	To be reported	168	
Color, ASTM	-	Visual	To be reported	B & C	
Brookfield Viscosity,@-40°C	cP	ASTM D2983	To be reported	12,394	
Flash Point,°C (COC)	°C	COC	To be reported	200	
Pour Point	°C	ASTM D97	Max -30	-48	
TBN	mg KOH/g	ASTM D2896	To be reported	2.45	
Foam Tend Seq II	mL	ASTM D892	Max 50	0/0	
Stab Seq II, mL	mL	ASTM D892	Max 0	10/0	
Corrosion Characteristics Copper (Cu) 150°C/3 hrs		ASTM D130	To be reported	1B	

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