

14-NOV-2023

TO:Idemitsu Lube Middle East & Africa FZE

CERTIFICATE OF ANALYSIS

Product Name	IFG7 0W-20 SP/GF-6A (dexos1 Gen2 quality level) 4LX6		
Lot No.	3XLT0126XC	Judgment	
Date	01-NOV-2023		
Quantity			

Test Item	Test Methods	Condition	Unit	Frq	Specification(Min) (Max)	Test Result	Last Lot No. Last Date
Kinematic Viscosity 40°C	ASTM D445	40°C	mm ² /s	EL	- -	35.700	
Kinematic Viscosity 100°C	ASTM D445	100°C	mm ² /s	EL	7.820 8.500	8.027	
Viscosity Index	ASTM D2270	-	-	EL	- -	208	
CCS Viscosity -35°C	ASTM D5293	-35°C	mPa.s	EL	- 6,200	4,693	
Base Number (HCLO ₄)	ASTM D2896	-	mgKOH/g	EL	5.95 -	7.76	
Density 15°C	ASTM D4052	15°C	g/cm ³	EL	- -	0.8437	
Flash Point (C.O.C)	ASTM D92	-	°C	EL	200 -	249	
Foaming Seq.II 93.5°C	ASTM D892	93.5°C	-	EL	- -	0-0	
Color (Appearance)	SIS K319	-	-	EL	- -	L. Brown	
Shape (RT)	SIS K319	-	-	EL	- -	Clear L	
Water (Karl Fischer) (ppm)	ASTM D6304	-	ppm	EL	- 300	87	

Remarks

Symbol of frequency : EL=Every lot, EM=Every month, 3M=Every 3 month, 6M=Every 6 month, EY=Every year, "-"=Standard none

* : The Latest result.

The above are true and accurate.

This is computer generated document, no signature is required.

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CERTIFICATE OF ANALYSIS

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Quantity			

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Phosphorus (ppm)	ZD4951 ASTM D4951	-	ppm	EL	- 850	780	
Calcium (ppm)	ASTM D4951	-	ppm	EL	- -	1,672	
Magnesium (ppm)	ASTM D4951	-	ppm	EL	- -	456	
Molybdenum (ppm)	ASTM D4951	-	ppm	EL	- -	416	
Zinc (ppm)	ASTM D4951	-	ppm	EL	- -	878	
Nitrogen (wt%)	ASTM D4629	-	wt%	EL	- -	0.0800	
Infra-Red Spectroscopy	INFRA-RED	-	-	EL	- -	Normal	

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