

## Certificate of Analysis



Mobil Korea Lube Oil Inc.

Ulsan, Korea

Date (mm/dd/yyyy): 10/11/2023

Product: MOBIL SUPER TURBO PROTECTION 0W-30

Batch Number	D3A0140	Type	1 Lt
Order Key	70494291	Manufacture Date	10/11/2023
Export# / P.O.#		Destination	
Fill #	D3A0145	Reference #	
Product #	201510107815	T/C or T/T	

Test Description	Method	Test Result
색 (ASTM Color)	ASTM D6045	L4.0
Density @ 15 C, kg/l	ASTM D4052	0.8428
Kinematic Viscosity @ 100 C, mm <sup>2</sup> /s	ASTM D445	10.3
Calcium, mass%	ASTM D4951	0.137
Phosphorus, mass%	ASTM D4951	0.072
Zinc, mass%	ASTM D4951	0.084
저온겔보기점도 (CCS Viscosity) -35 C, mPa.s	ASTM D5293	5824
Infrared Spectrum	MLP13	MATCH
냄새 (Odor)	AMS 1695	PASS
Magnesium, mass%	ASTM D4951	0.040
외관 (Appearance)	AMS 1738	C & B

This material meets the ExxonMobil sales specification established for this product and has been produced in a facility complying with the requirements of the ISO 9001 certified Global Product Integrity Management System (GPIMS). Test results on this certificate represent the most recent inspections done on this product for the stated characteristics and may be based on tank certification, manufacturing data, periodic testing and / or most recent product restock.

QA Chemist

Tests conducted according to International Standard Test Methods are routinely verified to be in compliance with the latest published versions. Minor changes may be made where they have no material impact on test results and are necessitated by reasons such as safety, environmental standards, and method effectiveness.

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