

Laboratory Report

QS-1906364
 Labor-ID: QS-1906364



Item

Mazda Ultra 5W-30

ATO 24

Im Auftrag der [ATO24 AutoTeileOnline GmbH](http://ATO24.AutoTeileOnline.GmbH)

Recipient: ATO24 AutoTeileOnline GmbH
 Ziegelstr. 3

33824 Werther

Your Reference:

AUF Number:

Lot Number:

Test Date: 27.05.2019

Delivery Date:

Origin Sample

Description	Dimension	Determined Value	Upper Limit	Lower Limit	Method
Appearance		yellowbrown			visually
*Infrared Spectrum		ok			DIN 51451
*Kinematic Viscosity at 40°C	mm²/s	57,90			DIN 51562-1
*Kinematic Viscosity at 100°C	mm²/s	10,15			DIN 51562-1
*Viscosity Index		164			DIN ISO 2909
*Evaporation Loss (NOACK)	%	10,3			ASTM D 5800
*Flash Point (COC)	°C	236			DIN EN ISO 2592
*Total Base Number (TBN)	mgKOH/g	9,1			ASTM D 2896
Total Acid Number (TAN)	mgKOH/g	2,2			ASTM D 664a
Sulfat Ash	%	0,99			DIN 51575
RFA Magnesium	mg/kg	<1,0			a. ASTM D 4927
*RFA Phosphorus	mg/kg	995			ASTM D 4927
*RFA Sulfur	%	0,24			ASTM D 4927
*RFA Calcium	mg/kg	2400			ASTM D 4927
*RFA Zinc	mg/kg	1110			ASTM D 4927
RFA Molybden	mg/kg	<10			a. ASTM D 4927
RFA Wolfram	mg/kg	<10			a. ASTM D 4927

*Laboratory accredited to DIN EN ISO/IEC 17025:2005.

This laboratory report can be used as overview only and the values presented in it might vary in the final product delivery.

The value that are presented in laboratory report can be used for analyzed product sample only.



Date: 27.05.2019

Paul Runge

QM-Labor/Quality Manager

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