



LLC VENOL MOTOR OIL  
Lodowa Str. 107  
93-232 Lodz  
POLEN

Your reference : Bezotosna  
Your order id. : Label  
Date of order : 25.07.2023  
Sample receipt : 25.07.2023  
Sampling : Customer  
Start of test period : 26.07.2023  
End of test period : 27.07.2023  
Report date : 28.07.2023  
Page : 2 of 2

## Report No.: 3105350-1

Sample : "TD-MM LOGISTICS" LLC  
Sample type : "AUS 32"  
Appearance : Color colorless, clear, no visible impurities  
Container : PE/PP - bottle 1000 ml  
ASG-ID : 3105350\_002

Seal No.: -

Parameter	Method	Result	Specification ISO 22241-1 :2019		Unit
			min.	max.	
Urea content	ISO 22241-2 Anh. C :2019	32,3	31,8	33,2	% (m/m)
Refraction index [20 °C]		1,3826	1,3814	1,3843	-
Density [20°C]	DIN EN ISO 12185 :1997	1089,5	1087,0	1093,0	kg/m <sup>3</sup>
Alkalinity [as NH <sub>3</sub> ]	ISO 22241-2 Anh. D :2019	<0,1[<0,02]	-	0,2	% (m/m)
Biuret	ISO 22241-2 Anh. E :2019	0,19	-	0,3	% (m/m)
Aldehydes	ISO 22241-2 Anh. F :2019	0,7	-	5	mg/kg
Insoluble matter	ISO 22241-2 Anh. G :2019	<1	-	20	mg/kg
Phosphate	ISO 22241-2 Anh. I :2019	<0,10	-	0,5	mg/kg
Calcium [Ca]		0,35	-	0,5	mg/kg
Iron [Fe]		<0,05	-	0,5	mg/kg
Copper [Cu]		<0,05	-	0,2	mg/kg
Zinc [Zn]		<0,05	-	0,2	mg/kg
Chromium [Cr]		<0,05	-	0,2	mg/kg
Nickel [Ni]		<0,05	-	0,2	mg/kg
Aluminium [Al]		<0,05	-	0,5	mg/kg
Magnesium [Mg]		0,05	-	0,5	mg/kg
Sodium [Na]		0,5	-	0,5	mg/kg
Potassium [K]		0,37	-	0,5	mg/kg

\* result of repeat determination

Karen Kirchhübel (Assistent technical manager)

**ASG was not involved in the sampling procedure. Therefore the test results listed apply to the respective sample as received.**

The limit values are taken from the mentioned specification without taking into account the measurement uncertainty of the test method.

This report is related only to the samples stated above and may not be reproduced except in full, without approval

of the testing laboratory. Storage of the samples: 4 weeks from report date.

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