

CERTIFICATE OF ANALYSIS № 39

Solidol Zhirovoi Lubricating Grease

GOST 1033-79 zm. 1,2,3

Batch № 39

Manufacturing date: 20.02.24

Batch net weight: 2,916 t

Product Characteristics

№	Characteristics and units	Standard limits	Actual	Test method
1	Appearance	Uniform grease with color between light-yellow and dark-brown	Uniform grease with brown color*	P.4.2 of GOST 1033
2	Dropping point, °C, not lower than	78	99	GOST 6793
3	Penetration at 25°C, 0,1 mm	230 - 290	255	GOST 5346, method V
4	Viscosity at 0°C and velocity gradient of 10 s ⁻¹ , Pa*s, not more than	250 (2500)	235 (2350)	GOST 7163
5	Shear stability at 50°C, Pa, not lower than	196 (2,0)	265 (2,65)	GOST 7143
6	Free organic acids content, not more than	nil	nil	GOST 6707
7	Water content, %, not more than	2,5	1,4	GOST 2477
8	Mechanical impurities insoluble in hydrochloric acid content	nil	nil	GOST 6479
9	Calcium soaps of fatty acids conter, %, not less than	11,0	13,1	GOST 5211
10	Free alkali content NaOH, %, not more than	0,2	0,09	GOST 6707

* As agreed by the parties

Manufactured by KSM PROTEC LLC

Conclusion: **Solidol Zhirovoi** lubricating grease sample satisfies the requirement of GOST 1033-79 zm. 1,2,3 standard based on characteristics analyzed.

Laboratory technician _____

Laboratory head _____

Date of issue: 21.02.24

