

GAZPROMNEFT LUBRICANTS ITALIA SPA

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Sede Legale:
Via Francesco Benaglia, 13
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Certificate of Analysis N. 28786

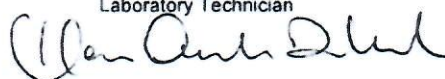
Product: **G-PROFI MSJ 5W-30**

Corporate Code	02 5313 0117	Local Code	GNB2020
Batch	80000623	Date	08-May-2018
Quantity		Sampling Date	04-May-2018
Delivery Date		Shelf life (Months)	60

Characteristics	Method	UOM	Min	Max	Target	Analysis Result
Flash Point COC	ASTM - D92	°C	200		226	226
Total Base Number	ASTM - D2896	mgKOH/g	9.0		9.7	9.7
Appearance	INT - VISUAL	none			BRIGHT & CLEAR	BRIGHT & CLEAR
Viscosity index	ASTM - D2270	nuom			165	167
Pour Point	ASTM - D97	°C		-39	-42	-42
Apparent Viscosity, CCS -30°C	ASTM - D5293	mPa·s		6600	6100	5700
Density, 15°C	ASTM - D1298	kg/m3			855	854.4
Phosphorus	ASTM - D7751	mass %	0.07	0.08	0.075	0.078
Zinc	ASTM - D7751	mass %	0.07	0.09	0.08	0.084
Calcium	ASTM - D7751	mass %	0.22	0.26	0.24	0.24
Kinematic Viscosity, 100°C	ASTM - D445	mm²/s	11.0	12.4	11.5	11.77

Notes:

Gazpromneft Lubricants Italia S.p.A.
Maria Antonietta De Leonibus
Laboratory Technician



S.p.A. con unico socio - Cap. Soc. € 2.580.000 i.v. C.F. e registro imprese di Roma 07338340586 - P. IVA 01751251008
Società soggetta all'attività di direzione e controllo della Gazpromneft Lubricants Ltd.

Mod. PQ10/02/2b, rev. 7, 18/05/10