

**GAZPROMNEFT LUBRICANTS ITALIA SPA**

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Sede Legale:  
Via Francesco Benaglia, 13  
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## Certificate of Analysis

Product: **G-PROFI GT 10W-40**

|                |              |                     |             |
|----------------|--------------|---------------------|-------------|
| Corporate Code | 02 5313 0242 | Local Code          | GNB2010     |
| Batch          | 80000311     | Date                | 13-Mar-2018 |
| Quantity       |              | Sampling Date       | 12-Mar-2018 |
| Delivery Date  |              | Shelf life (Months) | 60          |

| Characteristics               | Method       | UOM     | Min   | Max   | Target         | Analisis Result |
|-------------------------------|--------------|---------|-------|-------|----------------|-----------------|
| Flash Point COC               | ASTM - D92   | °C      | 200   |       | 235            | 233             |
| Appearance                    | INT - VISUAL | none    |       |       | Bright & Clear | Bright & Clear  |
| Viscosity index               | ASTM - D2270 | nuom    |       |       | 151            | 153             |
| Pour Point                    | ASTM - D97   | °C      |       | -36   | -42            | -42             |
| Apparent Viscosity, CCS -25°C | ASTM - D5293 | mPa·s   |       | 7000  | 6700           | 5800            |
| Density, 15°C                 | ASTM - D1298 | kg/m3   |       |       | 865            | 866.4           |
| Phosphorus                    | ASTM - D7751 | mass %  | 0.09  | 0.11  | 0.10           | 0.101           |
| Zinc                          | ASTM - D7751 | mass %  | 0.100 | 0.122 | 0.111          | 0.102           |
| Calcium                       | ASTM - D7751 | mass %  | 0.339 | 0.415 | 0.377          | 0.39            |
| Total Base Number             | ASTM - D2896 | mgKOH/g | 12.0  |       | 12.5           | 12.4            |
| Kinematic Viscosity, 100°C    | ASTM - D445  | mm²/s   | 13.5  | 15.5  | 14.4           | 14.22           |

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.

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