

# Technical Data Sheet

## G-CRANKZ F1 5W-40

### Product Description

G-CRANKZ F1 5W-40 engine oil is a full synthetic lubricant designed to improve engine durability by enhancing lubrication and protecting critical engine components. It offers advanced protection for modern emission control systems and turbochargers.

### Application



- Ideal for turbocharged and direct injection high-performance engines
- Suitable for vehicles equipped with eco-friendly exhaust systems such as EGR, TWC, DPF
- Suitable for use in passenger cars, SUVs, light trucks, and vans
- This oil is best suited for latest new generation cars such as BMW, MERCEDES BENZ, AUDI, VW, SKODA, FORD, NISSAN, TOYOTA, etc.

### Key Performance Benefits

- High-quality formulation suitable for a wide range of vehicles that require superior performance.
- Optimized for use with emission control systems such as DPF and TWC (Three Way Catalyst) to ensure peak performance.
- Provides instant oil flow at low temperatures, enabling easy cold starts and excellent lubrication from the moment of ignition.
- Forms a thick oil coating that protects the engine from wear in all operating conditions, resulting in a longer engine life.
- Contains modern detergent additives that prevent the formation of sludge and harmful deposits in the engine.

### Performance Standards

- API SP
- ACEA A3/B4
- ILSAC GF-6
- Renault Rn0700
- MB 229.5
- VW 502, 505
- BMW Longlife-01

**GOHIL LUBRICANT PVT. LTD.**

139, 1st Floor, Adarsh Industrial Estate, Andheri Sahar Road, Chakala, Andheri (E),  
Mumbai - 400 099. For consumer complaints:  
email: support@g-crankz.com Phone :- 180 0309 0302

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## Typical Characteristics

TYPICAL PROPERTIES	ASTM METHOD	TYPICAL VALUE
Appearance	VISUAL	Bright & Clear
Kinematic Viscosity @40°C, mm <sup>2</sup> /s, cSt	ASTM D445	82.0
Kinematic Viscosity @100°C, mm <sup>2</sup> /s, cSt	ASTM D445	14.5
Viscosity Index	ASTM D2270	185
Low Temperature Cranking Viscosity @-32° , cP	ASTM D5293	5930
Flash Point (COC), °C	ASTM D92	222
Pour Point, °C	ASTM D97	-39
Total Base Number, mg KOH/g	ISO 6619	7.5
Density @29.5°C, kg/m <sup>3</sup>	ASTM D1298	0.850

Properties referred above are typical only and minor variations, which do not affect product performance, are expected to appear in standard manufacturing processes. Please follow equipment manufacturer's recommendations for performance level and viscosity grade.

## STORAGE

To ensure product quality and safety, follow these storage guidelines:

- Store packages under cover to protect from the elements.
- If outdoor storage is unavoidable, lay drums horizontally to prevent water damage and label degradation.
- Store products in a temperature-controlled environment, avoiding temperatures above 60°C, direct sunlight, and freezing conditions.

## Health & Safety

The proper use of this product, in conjunction with adherence to good hygiene practices, is expected to minimize the risk of adverse health effects or safety hazards. It is essential to carefully follow the recommended application guidelines to ensure safe and effective use.

## Protect the environment

Used oil disposal instructions: Ensure environmentally responsible disposal by taking used oil to an authorized collection facility. Comply with all applicable local regulations and never discharge used oil into drains, soil, or waterways.

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