

Technical Data Sheet

G-CRANKZ F1 0W-20

Product Description

G-CRANKZ F1 0W-20 is a high-performance full synthetic engine oil designed to provide superior wear protection, effective cleaning power, and excellent overall performance. It offers enhanced protection across a wide temperature range and is specifically developed for modern petrol, diesel and hybrid engines. When operating under high pressures and temperatures, which require oils that minimize deposits, G-CRANKZ F1 0W-20 delivers the necessary engine performance.

Application



- Turbo-charged and direct injection high-performance engines
- petrol, diesel and hybrid engines with catalyst (TWC)
- Passenger cars, SUVs, light trucks, and vans
- Highway cruising and stop-and-go city driving.
- Normal to frequently severe operating conditions
- 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

- Provides excellent overall performance for lubrication and wear protection in various driving modes.
- Facilitates quick engine starting in cold conditions, thereby prolonging engine life.
- Assists in preventing oil aging, allowing for extended drain intervals.
- Helps prevent deposits and sludge build-up, contributing to prolonged engine life.
- Offers outstanding lubrication and wear prevention for extended component and engine life.

Performance Standards

- API SP
- ACEA C2
- 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

A product by **GOHIL** |

Typical Characteristics

TYPICAL PROPERTIES	ASTM METHOD	TYPICAL VALUE
Appearance	VISUAL	Bright & Clear
Kinematic Viscosity @40°C, mm ² /s, cSt	ASTM D445	45.1
Kinematic Viscosity @100°C, mm ² /s, cSt	ASTM D445	8.4
Viscosity Index	ASTM D2270	165
Low Temperature Cranking Viscosity @-35° , cP	ASTM D5293	5897
Flash Point (COC), °C	ASTM D92	220
Pour Point, °C	ASTM D97	-45
Total Base Number, mg KOH/g	ISO 6619	7.5
Density @29.5°C, kg/m ³	ASTM D1298	0.840

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.

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

A product by **GOHIL** |