PETROTM OIL

# LUBENZ MOTOBAK 10W30 GF-5

**Multigrade Gasoline and Diesel –Synthetic Technology Engine Oil**

## Product Data Sheet

### Product Description

LUBENZ MOTOBAK 10W30 GF-5 is advanced technology engine oil blended in high performance synthetic basestocks fortified with precisely balanced additive system, specifically to help deliver high level of performance and outstanding protection during long service intervals. It is suitable for the latest downsized engines equipped with stop & start technologies and hybrid engines requiring an API SN specification, where very high viscosity index oils are preferred to provide longer oil drain intervals in modern engines. It provides maximum protection in engines operating under severe conditions, including high-performance turbo-charged, supercharged gasoline and certain diesel multi-valve fuel injected systems.

### Features & Benefits

- Improved fuel economy & easy cold starts due to extreme fluidity at low temperatures.
- Enhanced resistant oil film even at high engine operating temperatures.
- Advanced additive technology, reduces sludge formation which improves engine cleanliness.
- Improved oxidation & thermal stability, helps in extending oil drain intervals.
- Enhanced engine protection, helps maintain longer engine life and greater compatibility with engine seals.

### Specifications

**LUBENZ MOTOBAK 10W30 GF-5 meets or exceeds following International and Builder specifications:**

- API SN, SM, SL, SJ
- ILSAC GF-5
- ACEA A1/B1, A5/B5
- General Motors dexos1

### Application

LUBENZ MOTOBAK 10W30 GF-5 is suitable for use in following:

- Passenger cars, SUVs, light trucks and vans.
- Suitable for all types of modern vehicles, including high-performance turbo-charged, supercharged gasoline multi-valve fuel injected engines
- Excluded service includes - commercial and racing applications, frequent towing or hauling, extremely dusty or dirty conditions or excessive idling.

### Typical Characteristics

| LUBENZ MOTOBAK | Test Method | Units | 10W-30 |
|---|---|---|---|
| Density @ 15 $^0$C | ASTM D 4052 | gm/cc | 0.855 |
| Viscosity @ 100 $^0$C | ASTM D 445 | cSt | 10.4 |
| Viscosity @ 40 $^0$C | ASTM D 445 | cSt | 64.5 |
| Viscosity Index | ASTM D 2270 | - | 149 |
| Pour Point | ASTM D 97 | °C | -36 |
| Flash Point (COC) | ASTM D 92 | °C | 225 |
| Total Base Number | ASTM D 2896 | mg KOH/g | 8.0 |
| Phosphorous | ASTM D 4951 | % wt | 0.078 |
| CCS Viscosity | ASTM D 5293 | cP | 5900 @ -25 °C |

*The above figures are typical of blends with normal production tolerance and do not constitute a specification.*