



## **FP MOTORÖL GOLD 20W-50 CF-4 MINERAL**

### **PRODUCT DESCRIPTION:**

FP MOTORÖL GOLD CF-4 is a high-performance heavy-duty engine oil based on high quality mineral base stocks and advanced additives technology providing superior dispersancy/detergency, wear and oxidation resistance properties. Ideal for mixed fleet use having a variety of different makes of heavy-duty diesel engines and using fuels of a wide range.

### **APPLICATION:**

FP MOTORÖL GOLD CF-4 is recommended for modern heavy-duty engines, wide range of turbo-charged or naturally aspirated diesel engines, generators, trucks, construction cars, passenger cars or mixed car group comprising diesel and gasoline cars. It is recommended for automotive diesel engine of passenger cars and light commercial vehicles where the OEM recommends API CF-4 or earlier specification.

### **FEATURES & BENEFITS:**

- Fuel saving and reduces maintenance expenses for machines and engines
- Very long oil changing period.
- Resists oil thickening and the formation of carbon, varnish and sludge deposits.
- Good viscosity control.
- Prolonged engine life
- Safeguards the moving parts
- Keeps engine Clean.

### **PERFORMANCE LEVELS: Meets or Exceeds:**

- API SN/CF
- A3/B4
- BMW 83 12 0 029 683
- Fiat 9.55535-H3

### **TYPICAL PROPERTIES:**

| PARAMETERS                        | ASTM       | UNIT              | RESULT        |
|-----------------------------------|------------|-------------------|---------------|
| Grade                             |            |                   | 20W-50        |
| Kinematic Viscosity@ 104°F /40°C  | ASTM D7042 | cSt               | 173           |
| Kinematic Viscosity@ 212°F /100°C | ASTM D7042 | cSt               | 20.4          |
| Viscosity Index                   | ASTM D2270 | -                 | 137           |
| SP. Gravity @15°C/60°F            | ASTM D4052 | g/cm <sup>3</sup> | 0.890         |
| Flash Point                       | ASTM D92   | °C                | 236           |
| Pour Point                        | ASTM D97   | °C                | -24           |
| TBN                               | ASTM D2896 | mg KOH/g          | 9.0           |
| CCS, (°C)                         | ASTM D5293 | m.Pa.S            | <9500 (-15°C) |

### **HEALTH & SAFETY, ENVIRONMENT:**

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point.