



BRILL Gear Series

75W-90, 75W-120, 80W-140, #140 SPG90 & SPG250

Racing Spec. Top End Performance Gear Oils

FEATURES

- 『BRILL Gear』 Series is a gear oil that is excellent "heat resistivity", "wear resistivity" and "extreme pressure property" gear oil for Circuit Driving and Drift Driving.
- Non-Polymer additive system lead to avoid viscosity reduction due to shear, then protect gears for long time.

Types & Quality Standard

| SAE | Type | API |
|---------|-------------|------|
| 75W-90 | Full Ester | GL-5 |
| 75W-120 | Full Ester | GL-5 |
| 80W-140 | Full Ester | GL-5 |
| #140 | Mineral | GL-5 |
| SPG90 | Ester Blend | GL-5 |
| SPG250 | Ester Blend | GL-5 |

APPLICATION

- **Manual Transmission**
- **4x4 Transaxle**
- **Differential Gear**
- **LSD**

(Follow and refer Service Manual or Owner's Manual to select appropriate Oil)

PACKAGE

| SAE | 200L | 20L | 4x4L | 10x1L |
|---------|------|-----|------|-------|
| 75W-90 | --- | ○ | --- | ○ |
| 75W-120 | --- | ○ | --- | ○ |
| 80W-140 | --- | ○ | --- | ○ |
| #140 | --- | ○ | --- | ○ |
| SPG90 | --- | ○ | --- | --- |
| SPG250 | --- | ○ | --- | --- |



TYPICAL DATA

| | 75W-90 | 75W-120 | 80W-140 | #140 | SPG90 | SPG250 |
|--------------------------------------|------------------|------------------|------------------|-------------|--------------|---------------|
| Density, (15C) g/cm ³ | 0.929 | 0.925 | 0.917 | 0.909 | | |
| Flash Pt. (COC) C | 184 | 192 | 188 | 214 | | |
| Pour Pt. C | - 42.5 | - 45 | - 35 | - 15 | | |
| Viscosity, (40C) mm ² /s | 97.2 | 125.6 | 201.3 | 395.6 | | |
| Viscosity, (100C) mm ² /s | 16.7 | 20.7 | 30.1 | 28.4 | | |
| Viscosity Index | 187 | 190 | 191 | 99 | | |
| HTHS (100C) mPa·s | | | | | | |
| C.C.S. (Temp) mPa·s | (-40C) 50,000 | (-40C) 76,000 | (-26C) 40,000 | | | |