



PRO High Performance Synthetic Blend 50

(March 2025 edition)

AMALIE PRO High Performance Synthetic Blend 50 is designed for racing applications where higher viscosity, shear stable oils are required. It is formulated with a combination of high viscosity index oils, synthetic base stocks, and friction modifiers designed to provide superior wear protection and oxidation resistance. The **AMALIE PRO High Performance Synthetic Blend 50** resists the effects of cylinder “wash-down” and oil thinning due to its high inherent film strength and shear stable viscosity. It is designed specifically for multi-platform racing applications and is compatible with engines running different types of racing fuels.

Always consult your vehicle’s owner’s manual when selecting the appropriate viscosity and service grade.

Benefits

- Resist cylinder “Wash-down”
- Increased Shear Stability
- Superior Wear Protection
- Resistance to Oxidative Breakdown

Typical Physical and Chemical Properties

| | |
|--------------------------------------|-----------|
| Viscosity Grade..... | SAE 50 |
| Kinematic Viscosity @100°C, cSt..... | 18.0 |
| Kinematic Viscosity @40°C, cSt..... | 196.2 |
| Viscosity Index..... | 100 |
| TBN, mg/KOH/g..... | 7.5 |
| Flash Point, °C (°F) | 265 (509) |
| Pour Point, °C (°F) | -30 (-22) |
| Density, S.G..... | 0.89 |
| Sulfated Ash, wt%..... | 0.67 |

Typical values are listed. Variations not affecting the performance of this fluid may occur during production however; these variations will not fall outside of set specification parameters.

Applications

AMALIE PRO High Performance Synthetic Blend 50 is designed specifically for racing applications and can be used in applications where an SAE 50 API SQ, SP, SN / SN Plus, SN, SM/CF or previous category engine oil is specified.

Health and Safety

Safety Data Sheets (SDS) are available online at AMALIE.com or from your AMALIE Representative.