

LAUNCHER Extreme Pressure Gear Oil is a range of premium mineral automotive gear oil manufactured with modern extreme pressure additives and friction modifiers, meeting the requirements of API GL-5/6 and MT-1, as well as many other manufacturer specifications. It contains the correct dosage of limited-slip additive eliminating the need for an additional product when used in limited slip differentials. Through their mono-grade and multigrade viscosity characteristics they meet the requirements of several automotive manufacturers for passenger cars and commercial trucks or buses.



APPLICATIONS

LAUNCHER Extreme Pressure Gear Oils are designed for use in differentials, both hypoid and limited slip, manual gearboxes, transfer cases and transaxles in passenger cars, light commercials, 4WDs, trucks, construction, earthmoving and agricultural equipment, where this viscosity grade is required.

PROPERTIES

LAUNCHER Extreme Pressure Gear Oils provide a superior level of protection in heavy duty conditions including shock loads, preventing wear and maintaining the life of critical parts. The multi-purpose formulation allows greater flexibility while minimizing inventory levels, especially for differential applications.

PERFORMANCE FEATURES AND BENEFITS

- Superior thermal stability.
- Anti-shudder additive technology.
- Compatible with all seal and metal types.
- Longer drain intervals.
- High safety margin against foaming and corrosion.
- Minimises inventory.
- Maintains cleanliness and reduces abrasive wear.
- Superior protection against scoring and spalling wear.
- Very good wear protection, even under severe load conditions.

RECOMMENDATIONS / SPECIFICATIONS

MEETS OR EXCEEDS :

API GL-5/MT-1/PG-2, MIL-L-2105D, L-PRF-2105E, GM HN 1181/1187/1386/1561, China National GB 13895-1992, Ford ESW-M2C1006-B/ 1013-A/ 104-A/ 105-A/ 197-A, IVECO, MAN, SCANIA and VOLVO for heavy vehicles.

TYPICAL TECHNICAL PROPERTIES

SAE Grade	80	90	140	80W90	85W140
PRODUCT CODE	LMO80E5	LMO90E5	LMO140E5	LMO80W90E5	LMO85W140E5
Density at 15°C, g/ml, ASTM D4052	0.884	0.90	0.913	0.894	0.89
Kinematic Viscosity at 100°C, mm ² /s, ASTM D445	10.1	16.5	31.5	15	27.5
Viscosity Index, ASTM D2270	99	97	95	99	103
Flash Point (COC), °C, ASTM D92	200	210	224	210	224
Pour Point, °C, ASTM D97	-27	-9	-9	-27	-18
Brookfield Viscosity, Max temp for Viscosity of 1,50,000 cP °C	—	—	—	-26	-12

Note: These characteristics are typical of current production. While future production will conform to LAUNCHER'S specification, variations in these characteristics may occur.



Packing : 1L | 4L | 5L | 20L | 25L | 208L

Version : LL/TDS/LGO/V1/02-01-2023

Health and Safety: This lubricant, when used in accordance with our recommendations and for the application for which it is intended, does not constitute any special hazard. A safety data file conforming to the requirements of current EC legislation is available from your local trade consultant