



TECHNICAL DATA SHEET

SOIL POWERLINE 75W/90 GL-5

PRODUCT DESCRIPTION

SOIL POWERLINE 75W/90 GL-5 is high performance, full synthetic gear oil that is developed to be used in synchromesh/ synchromesh / non - synchromesh gearboxes and differentials of passenger vehicles, heavy vehicles and earth movers requiring lubrication in the performance level of API GL-5. It provides excellent performance during four seasons because of its high viscosity index. While it makes shifting easier under very low temperatures, it also provides high lubrication and resistance against oxidation under very high temperatures. It provides protection against abrasion even under sudden load shocks due to its excessive pressure feature (EP), and extends its life, and minimizes maintenance costs.

PROPERTIES

- It provides easy shifting under low temperatures due to its excellent viscosity.
- It has high lubrication feature thanks to its excellent oil film resistance.
- It does not lose its properties even under heavy operation conditions, and provides optimum film strength.
- It prevents abrasion under any temperature and heavy loads, and provides long transmission life due to its excessive pressure (EP) performance.
- Due to its excellent compatibility with sealing elements, it reduces lubrication costs.
- It diminishes friction and thus provides comfortable operation and fuel cost-saving.

APPROVAL AND SPECIFICATIONS

• API GL-5 • MAN 342 31, MAN M 342 M2 • Volvo 1273.12 • ZF TE-ML 05A, 12E, 16B, C 17B, 19B • Scania STO 1:0

TECHNICAL SPECIFICATIONS

TEST	UNIT	METHOD	TYPICAL VALUES
K. Viscosity, @ 100 °C	cSt	ASTM D 445	15.37
Viscosity Index	-	ASTM D 2270	158
Flash Point	°C	ASTM D 92	210
Pour Point	°C	ASTM D 97	-40

* The above values may vary slightly according to production.

HEALTH, SAFETY AND ENVIRONMENTAL RECOMMENDATIONS

It should not be in contact with the skin and eyes, should not be swallowed and vapors should not be inhaled. In case of contact with the skin or eyes, should be washed with plenty of water and medical attention should be sought if necessary. If swallowed, the victim should not be induced vomiting and immediate medical attention should be sought. If vapor is inhaled, plenty of breath should be taken in fresh air and, if necessary, medical attention should be sought. Used oils should not be disposed to garbage, sewage or receiving environment, they should be collected in waste oil collection containers complying with the legislation, and delivered to the manufacturer or licensed waste oil collectors. It should not be mixed with any petroleum products or chemicals. It should not be burned in stoves and boilers. It should be kept out of the reach of children. Empty containers should not be thrown to the garbage or left in the receiving environment, they should be delivered to licensed recycling companies. For detailed information, you can review the "Material Safety Data Sheet".

STORAGE CONDITIONS

Packages should not be exposed to long-term and direct sunlight. Packaging should not be in contact with water. Oils should not come into contact with dust and should be kept away from dusty environments. Ambient temperature should not exceed 40 ° C. It is the sole responsibility of the user to use this product for its intended purpose and to comply with applicable laws and regulations. ALKİM PETROKİMYA SAN ve TİC A.Ş. cannot be held responsible for any damage or loss that may result from the abnormal or improper use of the product, or for the dangers in the structure of the product and for its consequences.