

## Product Data Sheet

### **KORLUBE® EURO FORMULA A3 SYNTHETIC**

#### Advanced Synthetic Motor Oil

#### Product Description

**KORLUBE®** EURO FORMULA A3 SYNTHETIC is an advanced synthetic motor oil specially designed for the most stringent standards of European vehicles manufacturers including MERCEDES-BENZ, BMW, VOLKSWAGEN and PORSCHE.

It provides exceptional performance, protection and cleaning power under normal and even severe conditions, and helps to extend the life and maintain the efficiency of emission systems.

**KORLUBE®** EURO FORMULA A3 SYNTHETIC 5W30 and 10W30 are officially certified by the American Petroleum Institute (API) as "Resource Conserving" engine oils which meet the International Lubricant Specification Advisory Committee (ILSAC) GF-5 standard for excellent fuel economy and engine protection.

**KORLUBE®** EURO FORMULA A3 SYNTHETIC is available with variety of 4 multi-viscosity grades : 5W-30, 5W-40, 10W-30 and 10W-40.

#### Features & Benefits

##### LONG ENGINE LIFE

- Advanced synthetic formula helps to prevent deposits and sludge build-up to enable long and clean engine life.
- Quick engine starting in cold weather and ultra fast protection helps to extend engine life.

##### LONG OIL LIFE

- Excellent thermal and oxidation stability prevents oil breakdown and maintains oil viscosity, which helps to reduce oil aging and to extend oil change intervals.

##### SAVE FUEL

- Specially engineered additive package system containing special friction modifiers helps to reduce friction which leads to save fuel.

##### SAVE EARTH

- Specially engineered additive package system helps to reduce exhaust gas emission.

#### Applications

- Passenger Car with Gasoline Engine

- Light Truck / SUV with Gasoline Engine
- CNG/LPG Vehicles
- Motor Cycle with 4-Stroke Engine
- Portable Power Equipments
- Specially Recommended for Vehicles with DOHC, EFI, Turbocharger/Intercooler

## Specifications

**KORLUBE®** EURO FORMULA A3 SYNTHETIC meets or exceeds the requirements of the following specifications :

	5W-30	5W-40	10W-30	10W-40
ACEA A3/B4	√	√	√	√
ACEA A3/B3	√	√	√	√
API SN	√	√	√	√
API CF	√	√	√	√
ILSAC GF-5	√		√	
MB 229.5	√	√	√	√
MB 229.3	√	√	√	√
MB 226.5	√	√	√	√
VOLKSWAGEN VW50200	√	√	√	√
VOLKSWAGEN VW50500	√	√	√	√
BMW LONGLIFE-01	√	√	√	√
PORSCHE	√	√	√	√
PSA PEUGEOT CITROËN B712296	√	√	√	√
FORD WSS-M2C913-C	√	√	√	√
OPEL GM-LL-A-025	√	√	√	√
OPEL GM-LL-B-025	√	√	√	√
RENAULT RN0710	√	√	√	√
RENAULT RN0700	√	√	√	√

## Typical Properties

	5W-30	5W-40	10W-30	10W-40
ACEA	A3/B4, A3/B3	A3/B4, A3/B3	A3/B4, A3/B3	A3/B4, A3/B3
API	SN, CF	SN, CF	SN, CF	SN, CF
Viscosity @100°C, cSt	10.5	14.9	10.6	14.9
Viscosity @40°C, cSt	64	102	67.5	105
Viscosity Index	153	152	145	148
Flash Point, °C	224	230	224	228
Pour Point, °C	- 40	- 40	- 37.5	- 37.5
Density @15°C, g/cm3	0.860	0.865	0.873	0.865

**Health & Safety**

This product is not expected to produce adverse effect on health when used for the intended application and recommendations. Do not use for the purpose other than its intended application. When disposing of used product, please take care to protect the environment.