



# GP

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## Product Data Sheet (PDS)



# GP DEOGEN SYNTHETIC 15W40 CK-4

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# GP DEOGEN SYNTHETIC SAE 15W40 API CK-4



DEOGEN Synthetic 15W-40 is the premium choice for API CK-4 emission-quality diesel oil required for newer diesel engines, as well as older diesel applications (including those equipped with turbochargers). It delivers extraordinary lubrication in diesel engines found in commercial, fleet and personal vehicles. Formulated with the latest additive and synthetic base oil technology, DEOGEN Synthetic 15W-40 exceeds the higher performance demands of modern engines. It withstands the stress of heat, soot and acids to help prevent deposits, corrosion and wear. It is compatible with all exhaust treatment devices and have fuel economy performance.

## **PERFORMANCE STANDARDS:**

GP DEOGEN SYNTHETIC 15W40 CK-4 meets and exceeds the following Industry Specifications:

**ACEA : E9,E7**  
**API : CK-4,CJ-4,CI-4 PLUS,CH-4**  
**Cummins : CES 20086, 20081**  
**Detroit Fluids Specification (DFS): 93K222, 93K218**  
**MB-Approval 228.31**  
**Volvo: VDS-4.5, VDS-4**  
**Renault Trucks: RLD-4, RLD-3**  
**Caterpillar : ECF-3**  
**MAN: M3575**  
**Allison: TES 439**  
**Deutz: DQC III-10 LA**  
**IVECO: T2 E7 (Meets)**  
**JASO DH-2**  
**MACK: EOS-4.5/EO-O Premium Plus**  
**MTU: Category 2.1**

## **FEATURES & BENEFITS:**

GP DEOGEN SYNTHETIC 15W40 CK-4 provides:

- Excellent engine cleanliness through advanced soot handling technology.
- Mixed fleet capabilities.
- Exceptional low engine wear.
- Trouble free operation between long drain service intervals.
- Reduced maintenance capabilities.
- Low Oxidation
- All season engine oil

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## APPLICATIONS:

- Commercial road transport, including the latest engines fitted with exhaust cleanup devices of all types
- Mixed fleets of both diesel and gasoline engines, and both old and new equipment
- Stop-and-go vehicles in high soot loading service such as buses and waste collection trucks
- Most modern off-highway engines including those adapted for current and future emissions standards

## TECHNICAL DATA

Sr. No	Characteristics	Test Method	Results
01	Appearance	VISUAL	B & C
03	Color	ASTM D-1500	L3.5
04	Density @ 15 C, g/ml	ASTM D-4052	0.877
05	Viscosity @ 40 C, cSt	ASTM D-445	93.20
06	Viscosity @ 100 C, cSt	ASTM D-445	14.52
07	Viscosity Index	ASTM D-2270	162
08	TBN, mg KOH/gm	ASTM D-2896	12.0
09	Flash Point, COC, C	ASTM D-92	220
10	Pour Point, C	ASTM D-97	-39
10	CCS Viscosity (mPa·s)	ASTM D-5293	4526

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## **Health and Safety:**

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application, following the recommendations provided in the Material Safety Data Sheet (MSDS). MSDSs are available upon request. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

Due to continual product research and development, the information contained herein is subject to change without notification. Typical Properties may vary slightly.