



GP

GENERAL PETROLEUM

Towards

GROWTH & PROSPERITY

www.generalpetroleum.de

Product Data Sheet (PDS)



GP DEOGEN SYNTHETIC 5W30 CK-4

Published By:

Technical Department of
General Petroleum GmbH
Frankfurt, Germany

Last Update Date:

1/8/2022

GP DEOGEN SYNTHETIC SAE 5W30 API CK-4



DEOGEN Synthetic 5W-30 CK-4 is an advanced synthetic heavy duty diesel engine oil that is specifically engineered to deliver longer useful oil life. It is suitable for use in high speed 4-stroke diesel engines and is compatible with diesel engines fitted with EGR and the latest exhaust after treatment systems such as; DPF, DOC and/or SCR. Formulated with the latest additive and synthetic base oil technology, DEOGEN Synthetic 5W30 exceeds the higher performance demands of modern engines. It is compatible with all exhaust treatment devices and have fuel economy performance.

PERFORMANCE STANDARDS:

GP DEOGEN SYNTHETIC 5W30 CK-4 meets and exceeds the following Industry Specifications:

API CK-4/SN Plus
ACEA E9
CAT ECF-3
Cummins CES 20086
DDC DFS 93K222
Deutz DQC IV-18 LA
Mack EOS-4.5
MB-Approval 228.51
RVI RLD-3
Volvo VDS-4.5

FEATURES & BENEFITS:

Modern trucks use new technologies to make as much as 30% higher torque, but this also means higher engine temperatures and pressures. This punishes the oil, pushing it closer to breakdown, and reducing its useful life and ability to extend drains. GP DEOGEN SYNTHETIC 5W30 CK-4 has been proven to safely extend drain intervals. Formulated with up to 45% extra performance reserve, System Pro technology fights oil breakdown by:

- Combating oxidation and deposits
- Neutralizing harmful acids
- Controlling oil aeration
- Adapting to increased temperatures, resisting viscosity loss through shear.

GP DEOGEN SYNTHETIC 5W-30 CK-4 delivers proven cold start benefits to help prevent engine damage, reduce no-starts, improve battery & starter life.

GP DEOGEN SYNTHETIC SAE 5W30 API CK-4

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	L 3.0
04	Density @ 15 C, g/ml	ASTM D-4052	0.852
05	Viscosity @ 40 C, cSt	ASTM D-445	72
06	Viscosity @ 100 C, cSt	ASTM D-445	12
07	Viscosity Index	ASTM D-2270	165
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	-42
10	CCS Viscosity (mPa·s)-30	ASTM D-5293	5565

GP DEOGEN SYNTHETIC SAE 5W30 API CK-4



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.