SLK KRUIZER™ LUBRICATION

TECHNICAL DATA SHEET

FUTURA PLUS 5W30, 10W30 & 15W40 (API CK-4/SN SYNTH)

SYNTHETIC TECHNOLOGY FOR ULTRA-LOW EMISSION DIESEL ENGINES

DESCRIPTION & APPLICATIONS

Futura Plus 5W30, 10W30 & 15W40 API CK-4/SN is a low ash diesel engine oil designed with synthetic technology for latest generation ultra-low emission Euro VI / BS VI vehicles fitted with after treatment devices such as Diesel Particulate Filters (DPFs), Exhaust Gas Recirculation (EGR) and Selective Catalytic Reduction (SCR) devices etc. Futura Plus exhibits superior soot handling capabilities and outstanding control over soot induced thickening. Fully backward compatible, Futura Plus delivers exceptional performance in both newer and older engine oils meeting or exceed the requirements of API CK-4, CJ-4, CI-4 Plus, CI-4 service categories, as well as key OEM requirements and also be used in gasoline engines requiring the API SN specification. It is recommended for use in new generation heavy duty buses, trucks and off highway vehicles, meeting Euro VI / BS VI emission norms in mining, construction, agricultural and marine industries.

PERFORMANCE BENIFITS

- Excellent soot and viscosity control to increase engine efficiency.
- Extraordinary corrosion protection and extended drain intervals for both new and old engines.
- Outstanding oxidation stability to reduce sludge build up and high temperature deposits.
- Very good component compatibility to increase gasket and seal life.
- Advanced aeration control to reduce air bubbles for improved performance in severe duty off road equipment and hydraulic valve-train actuation.
- Service life up to 95,000km* or 1,000 hrs*.

*Conditions apply

PERFORMANCE STANDARDS MEETS

- API - CK-4/SN, CJ-4, CI-4 PLUS, CI-4
- Mack EOS-4.5
- VDS 5
- JASO DH-2-17
- Renault RLD-4
- MB 228.31
- Ford WSS-M2C171-F1
- Cummins 20086
- ACEA E9
- Caterpillar ECF 3

Typical Properties

Properties	Test Method	5W30	10W30	15W40
Grade	-	SAE 5W30	SAE 10W30	SAE 15W40
Kinematic Viscosity (@40°C, cSt)	ASTM D445	68 - 76	76 - 84	100 - 110
Kinematic Viscosity (@100°C, cSt)	ASTM D445	10.5 - 11.5	10.5 - 12.5	14 - 16
Viscosity Index	ASTM D2270	155	141	140
Flash Point, (COC), °C, Min.	ASTM D92	≥ 220	224	226
Pour Point, °C	ASTM D97	-30	-30	-27
Sulphated Ash, % wt., Max	ASTM D874	0.9	0.9	0.9
TBN, mg KOH/g, Min.	ASTM D2896	10	10	10
Copper Strip Corrosion @100°C for 3hrs	ASTM D130	1A	1A	1A
Hi-Temp Hi-Shear Viscosity @150°C (1x10^6 sec^-1), imPa.s	ASTM D4683	3.5	3.6	4

The values above are typical values. They do not constitute any contractual commitment.
Sales specifications are available on request. The present technical data sheet replaces all the previous edition.

Health and Safety

This product is not likely to present any significant health or safety hazards when used correctly in the right application. Safety Data Sheet (SDS) is available on request through our website www.slkkruizer.com

Protect the Environment

Take used oil to an authorised collection point. Do not discharge into drains, soil or water.

Storage

Storage We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.

SLK ENTERPRISES
R.s No: 42/1, #104-3-15, Satellite City, Morampudi, Rajahmundry, Andhra Pradesh, India 533107
EMail : info@slkkruizer.com