

SANYANG G3-6

High Quality Group III Base Oil

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SANYANG G3-6 is a high-quality Group III base oil, produced from a unique feedstock by using a proprietary hydrotreatment and wax isomerization process and hydrofinished to a colourless liquid. The base oil is highly isoparaaffinic and exhibits a high viscosity index as well as superior low-temperature performance. SANYANG G3-6 carries a low Product Carbon Footprint (PCF) and is registered by NSF under H1 and HX-1 for incidental food contact applications.

APPLICATIONS

SANYANG G3-6 is an excellent choice for formulating high-performance, low-viscosity engine oils due to its high viscosity index and low volatility. This base oil is also suitable for application in industrial equipment, such as compressors, hydraulic systems, gears and turbines.

FEATURES AND BENEFITS

- Low Product Carbon Footprint (PCF)
- Very high viscosity index
- Excellent volatility for low-viscosity engine oils
- Superior low-temperature performance
- Good oxidation stability

FORMULATION SUPPORT

SANYANG G3-6 applications are supported by top-tier engine oil formulations that comply with the required specifications:

- API SQ
- ILSAC GF-7
- ACEA 2023
- GM dexos1 Gen. 3
- OEM Specifications

PROPERTIES

Properties	Test Methods	Units	Specification Value	Typical Value
Appearance	Visual	—	Bright & Clear	Bright & Clear
Density @ 15°C	ASTM D 1298 / D 4052	kg/L	Report	0.8474
Colour	ASTM D 1500	—	L 0.5 Max	L 0.5
Viscosity @ 40°C	ASTM D 445	mm ² /s	Report	34.25
Viscosity @ 100°C	ASTM D 445	mm ² /s	6.00 – 6.50	6.12
Viscosity Index	ASTM D 2270	—	≥ 125	127
Pour Point	ASTM D 97	°C	≤ -15	-18
Flash Point, COC	ASTM D 92	°C	≥ 220	238
Evaporation Loss - Noack	ASTM D 5800-B	mass %	≤ 8.0	6.5
Saturates	IP 368 / ASTM D 7419	mass %	> 95	> 99
Sulphur Content	ASTM D 2622 / D 5453	mg/kg	≤ 15	6
CCS Viscosity @ -30°C	ASTM D 5293	mPa.s	Report	4,600