



Gas Fuel Engines Oils

hyrax[®] CARINA



Note:

All information supplied by or on behalf of Hyrax Oil in relation to its products, whether in the nature of data, recommendations or otherwise, is supported by rigorous laboratory work and research and believed to be reliable. Typical test data are average values only. Minor variations to typical properties not affecting the performance of the product are to be expected in normal manufacturing circumstances.

Description

Hyrax Carina is a series of extra high performance API SN multi-grade motor oils exclusively designed and formulated with high quality base oils and special additive technology for use in passenger cars and light-duty truck of gasoline and CNG engines running under the most severe driving condition. It provides outstanding thermal and oxidation stability to ensure minimum oil thickening at very high operating temperature, excellent deposit control and minimize engine wear and tear.

Applications

Hyrax Carina oil is recommended for high performance fuel injections, multi-valves, turbocharged or supercharged gasoline and CNG engines operating under high-rev, high-speed extreme driving condition including those associated with stop-and go driving conditions.

Benefits

- Outstanding engine cleanliness – exceptional sludge and varnish deposits control
- Outstanding engine protection at all driving conditions
- Very shear stable to optimize oil viscosity and stay in grade
- Good low temperature fluidity for easier cold starting – minimize friction and wear during start-up
- Fuel economy benefits (ILSAC GF-5) for SAE 10W-30 grade

Typical Characteristics

Properties	Method	SAE 10W-30	SAE 15W-40
Density at 15°C, Kg/L	ASTM D4052	0.872	0.877
Flash Point, °C	ASTM D92	>228	>230
Pour Point, °C	ASTM 97	-33	-30
Viscosity at 40°C, cSt	ASTM D445	77.0	114.0
Viscosity at 100°C, cSt	ASTM D445	11.0	14.5
Viscosity Index	ASTM D2270	131	130
Total Base Number, mgKOH/g	ASTM D2896	8	10

Performance

SAE 10W-30	SAE 15W-40
<ul style="list-style-type: none">● API SN / CF● ILSAC GF-5	<ul style="list-style-type: none">● API SN / CF● ACEA A3 / B4● Mercedes-Benz MB p229.3



Protects against varnish building and sludge formation



Outstanding protection and performance at all driving conditions



Shear stability for optimum oil viscosity



Fuel economy benefits