



# DUCKHAMS HYPERGRADE PLUS 5W-30

DUCKHAMS HYPERGRADE PLUS 5W-30 is a high performance product formulated with synthetic blends and high quality additives. It helps to keep gasoline engines clean and running efficiently. It provides excellent sludge protection and helps to prevent engine wear.

## Meet Performance :

- API SP

## Applications :

- All types of high-performance gasoline vehicles, in conventional and modern vehicles
- Suitable for gasoline, gas or ethanol containing fuels.
- Including GDI (Gasoline Direct Injectio) engine.

## Features and Benefits :

- Low Speed Pre-ignition (LSPI) reduction for engine durability
- Protects Turbocharged gasoline direct injection (T-GDI) engines and protection engine part
- Excellent protection sludge and deposit, keep clean and prolong engine life
- Exceptional piston cleanliness, help prevent blow by and maintains engine power
- Outstanding wear protection, help improve fuel efficiency and maximize engine life

## Typical Properties :

Properties	Test Method	Typical value
Appearance	Visual	Bright & Clear
ASTM Color	ASTM D1500/D6045	2.0
Density @15°C, g/cm <sup>3</sup>	ASTM D4052	0.8500
Kinematic Viscosity @40°C, cSt	ASTM D445	59.8
Kinematic Viscosity @100°C, cSt	ASTM D445	9.88
Viscosity Index	ASTM D2270	153
Flash Point by COC, °C	ASTM D92	240
Pour Point, °C	ASTM D5950/6892/6749	-45
Total Base Number, mgKOH/g	ASTM D2896	7.0
Cold Cranking Simulator @-30 °C, mPas	ASTM D5293	6,295

These descriptions are typical of current production. Whilst future production will conform to Duckhams' specification, variations in there description may occurs.

The information contained herein is correct to the best of our knowledge. The recommendations or suggestions contained in this bulletin are made without guarantee or representation as to results. We suggest that you evaluate these recommendations and suggestions in your own laboratory prior to use.

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