



RAVENOL HDS Hydrocrack Diesel Specific 5W-30



Kategorie: Passenger car motor oil

Artikelnummer: 1111121

Viscosity: 5W-30

Specifications: ACEA C4

Oil type: Synthetic

Approvals: MB -Freigabe 226.51, Renault RN0720

Application: Passenger car

Technology: CleanSynto

RAVENOL HDS Hydrocrack Diesel Specific 5W-30 is a synthetic, Low SAPS low-friction engine oil with CleanSynto® technology for passenger car diesel engines, with and without turbocharging and direct injection.

RAVENOL HDS Hydrocrack Diesel Specific 5W-30 is based on additives with reduced ash content for use in modern passenger car with diesel engines with excellent cold start characteristics, low oil consumption and reduced pollutant emissions. This oil will increase the DPF and TWC life. HTHS- Viscosity >3.5 mPa*s (cP). Developed for fuel economy and energy conserving in EURO VI, EURO V and EURO IV Standard engines with normal and extended oil change intervals (until 50.000 km or 2 years possible).

RAVENOL HDS Hydrocrack Diesel Specific 5W-30 achieves a high viscosity index through its formulation with special base oils. The excellent cold start behaviour provides an optimum lubricating safety during the cold run phase.

Because of a considerable fuel saving **RAVENOL HDS Hydrocrack Diesel Specific 5W-30** contributes to protect the environment by reducing the emissions.

RAVENOL HDS Hydrocrack Diesel Specific 5W-30 minimizes friction, wear and fuel consumption with excellent cold start characteristics.

Suitable for extended oil change intervals where recommended by manufacturer.

Application instructions

RAVENOL HDS Hydrocrack Diesel Specific 5W-30 is an universal fuel economy engine oil for modern diesel engines with and without turbo charger in passenger cars and vans with extended oil change intervals. Extend the lifespan of the particle filter.

Due to the specific composition is **RAVENOL HDS Hydrocrack Diesel Specific 5W-30** excellent suitable for use for several of the latest OEM requirements.

Characteristics

- Fuel economy in part and full power operation

- Excellent wear protection and high viscosity index also under high-speed driving conditions, the long life of the engine
- Excellent cold starting characteristics also at low temperatures below -30°C
- A safe lubricant film at high operating temperatures
- Low evaporative tendency, so lower oil consumption
- No deposits in combustion chambers, in the piston ring zone and valves because of oil conditioned
- Neutrality towards sealing materials
- Extended oil change intervals to protect natural resources

Technical Product Data

CHARACTERISTICS	PROPERTY	DATA	AUDIT
Colour		braun	VISUELL
Sulphated Ash	%wt.	0,49	DIN 51575
tbn	mg KOH/g	7,9	ASTM D2896
Viscosity at 100 °C	mm ² /s	12,1	DIN 51659-2
Viscosity at 40 °C	mm ² /s	72,0	DIN 51659-2
Viscosity Index VI		166	DIN ISO 2909
CCS Viscosity at -30 °C	mPa*s	5500	ASTM D5293
Density at 20 °C	kg/m ³	843,0	EN ISO 12185
Flashpoint	°C	236	DIN EN ISO 2592
HTHS Viscosity at 150 °C	mPa*s	3,6	ASTM D5481
Low Temp. Pumping viscosity (MRV) at -35 °C	mPa*s	19.100	ASTM D4684
Noack Volatility	% M/M	7,6	ASTM D5800
Pourpoint	°C	-39	DIN ISO 3016