

RAVENOL Eco Synth ECS SAE 0W-20

Art. 1111102

Eco Synth

CleanSynto®

Description:

RAVENOL Eco Synth ECS SAE 0W-20 is full synthetic, low-friction engine oil based on PAO (Polyalphaolefines) with CleanSynto® technology for car gasoline and diesel engines, with and without turbocharging and direct injection. Minimizes friction, wear and fuel consumption, and is suitable for extended oil drain intervals according to manufacturer's instructions. The excellent cold start performance ensures optimum lubrication during start-up, and as **RAVENOL Eco Synth ECS SAE 0W-20** offers a significant fuel saving potential, the consequent reduction in emissions contributes to the protection of the environment. HTHS min. 2,6 mPa*s. **RAVENOL Eco Synth ECS SAE 0W-20** ensures compliance with the viscosity grade oil even during long duration over the entire change interval.

Application Directions:

RAVENOL Eco Synth ECS SAE 0W-20 is universal fuel-economy engine oil, suitable for all modern passenger car gasoline and diesel engines where this grade of oil is recommended.

Quality Classification:

RAVENOL Eco Synth ECS SAE 0W-20 is approved, tried and tested for aggregates specifying:

Specification: ACEA A1/B1

License: API SN Resource Conserving / SM Energy Conserving, ILSAC GF-5

Recommendations: Ford WSS-M2C947-A, GM 6094M, Honda/Acura HTO-6, Chrysler MS-6395, Mitsubishi, Nissan, Mazda, Suzuki, Toyota

Technical Characteristics:

RAVENOL Eco Synth ECS SAE 0W-20 offers:

- Guaranteed fastest possible lubrication of the engine.
- High fuel economy (FE) effect due to the base oils and additives used. Low volatilization tendency, thereby lower oil consumption.
- Provides protection against sludging, coking, varnish and corrosion even under unfavorable operating conditions.
- No oil-related deposits in combustion chambers in the piston ring zone and on valves.
- Ensures the function of the hydraulic tappets at all temperatures.
- Stable engine oil, no NOx oxidation.
- Good aging behavior, confirmed by the Hot Tube Test.
- Good soot absorption and dispersion.
- Neutral towards sealing materials.

Ravensberger Schmierstoffvertrieb GmbH
Postfach 1163
33819 Werther
Tel.: 05203/9719-0
Fax.: 05203/9719-40 / 41

- Certificate / ProductInformation -

RAVENOL Eco Synth ECS SAE 0W-20

Art. 1111102

Eco Synth

CleanSynto®

Technical Values:

Characteristics		unit	data	test according to
Colour			brown	visual
Density	at 20°C	kg/m ³	839	EN ISO 12185
Viscosity	at -35°C	mPa*s	4960	ASTM D5293
	at 40°C	mm ² /s	44,31	DIN 51 562
	at 100°C	mm ² /s	8,08	DIN 51 562
Viscosity index VI			158	DIN ISO 2909
Flashpoint (COC)		°C	234	DIN ISO 2592
Pour point		°C	-58	DIN ISO 3016
TBN		mg KOH/g	9,5	DIN ISO 3771
Sulphated ash		% wt.	0,95	DIN 51 575
Noack Volatility		%	8,1	ASTM D5800/b
Viscosity (MRV) at -40°C		mPa*s	12340	ASTM D3829

All indicated data are approximate values and are subject to the commercial fluctuations.

To the best of our knowledge all information reflects the current state of findings and our development. Subject to change. Any reference to DIN standards are solely for product description purposes and do not represent a guarantee. If problems occur please consult a technician.