

ROWE[®]

SUNSPEED[®]

Motor oil with
100 % biosynthetic base*

English



*Excluding additives

09/26

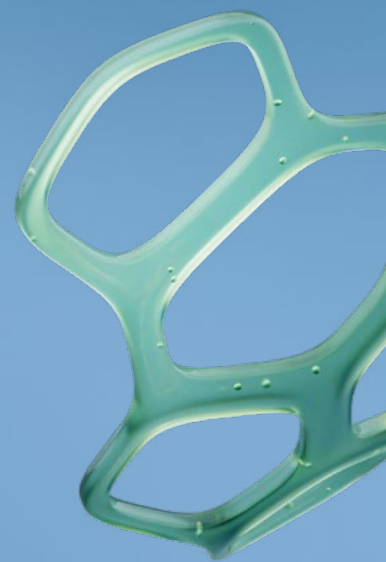
LUBRICATION & COOLING
MADE IN GERMANY

www.rowe-oil.com

SUN SPEED®

Performance meets innovation

ROWE SUNSPEED® is a 100 % biosynthetic engine oil, supplemented with a high-performance additive package. This innovative lubricant is formulated with non-mineral base oils containing high-performance synthetic hydrocarbon compounds. These are synthesized entirely from plant-based biomass and account for at least 70 % of the product.



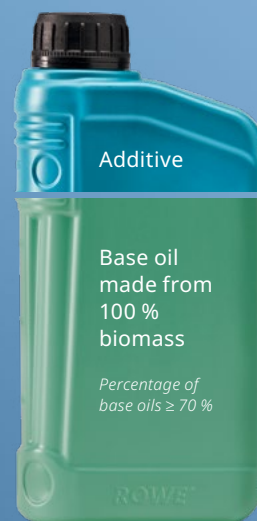
ROWE MOTOR OILS

One range. Two alternatives.

SUNSPEED® mirrors part of the existing ROWE range and its extensive manufacturer approvals. Thanks to a wide range of viscosities for passenger cars, we are able to offer an alternative lubricant for all. In future, we plan to offer a SUNSPEED® variant for many of our engine oils. These will be manufactured at the main plant in Worms, one of the most cutting-edge lubricant factories in Europe.



ROWE HIGHTEC



ROWE SUNSPEED®

8 Top-selling engine,
racing, and automatic
transmission oils.

2 Heavy-duty engine oils
approved by DEUTZ AG.



BASE OILS MADE OF BIOMASS

Made from 100 %
renewable raw materials,
excluding additives

TESTED TOP-RATE PERFORMANCE

Recommended for
commonly used stan-
dards and specifications

FULLY COMPATIBLE

Easy filling and
refilling of conven-
tional engine oils

WIDE MARKET COVERAGE

Wide selection of
viscosities for many
brands

Tested top-rate performance

ROWE SUNSPEED® is characterized by excellent cold-start performance and exceeds the CCS requirements of SAE J300 as specified by ASTM D5293. This is a key factor in optimizing fuel consumption. In addition, the formulations exhibit only minimal evaporation loss even at very high temperatures and achieve outstanding NOACK values. This is a key factor in optimizing oil consumption and maintaining consistent oil quality. ROWE SUNSPEED® delivers top-tier performance, particularly in vehicles equipped with turbochargers, superchargers, and hybrid vehicles.

ROWE SUNSPEED® offers a high level of operational reliability and can be used to fill or top off engines that previously used conventional lubricants.

PERFORMANCE FIGURES

- Volatility up to 57%*¹ lower than current OEM requirements.
- Optimum protection from high-temperature deposits in the engine, up to 62 % more effective than the engine oil standard API SN*²
- Turbocharger efficiency and protection, up to 41 % better than the engine oil standard API SP*³

*¹ NOACK Test – BMW Longlife 04 – SUNSPEED SYNT RS DLS SAE 5W-30

*² TEOST MHT Test – ASTM D7097 – SUNSPEED RACING MOTOR OIL SAE 10W-60
TEOST MHT based on ASTM D7097. The statistical correlation ($R^2 = 0.92$) confirms its applicability to the TU3MH engine test. Actual protection during driving may vary.

*³ TEOST 33C Test – ASTM D6335 – SUNSPEED MULTI SYNT DPF SAE 5W-30
TEOST 33C, based on ASTM D6335. The high-temperature simulation (up to 480 °C) replicates the thermal stress on the turbocharger shaft. Actual protection during vehicle operation may vary.

Source: www.savantlab.com/wp-content/uploads/2023/04/Q1_2014_TEOST_Technical_Brief.pdf

Evaporation loss pursuant to Noack ASTM D5800

	Standard		SUNSPEED®	Delta
SUNSPEED SYNT RS DLS SAE 5W-30	BMW Longlife-04	< 13 %	5,5	57,7 %
SUNSPEED MULTI SYNT DPF SAE 5W-30	VW 504 00 / 507 00	< 11 %	7,9	28,2 %
SUNSPEED SYNT RSi SAE 5W-40	Porsche A40	< 13 %	6,1	53,1 %
SUNSPEED MULTI FORMULA SAE 5W-40	Mercedes Benz 229.51	< 10 %	9,0	10,0 %
SUNSPEED SYNT RS C5 SAE 0W-20	BMW Longlife-17 FE+	< 13 %	6,8	54 %
SUNSPEED SYNTH RS LONGLIFE IV SAE 0W-20	ACEA C5	< 13 %	10,6	18,5 %
SUNSPEED RACING MOTOR OIL SAE 10W-60	ACEA	< 11 %	2,9	73,6 %

TEOST* MHT – ASTM D7097 - Piston Ring Deposit

	API SN	SUNSPEED®	Delta standards
SUNSPEED MULTI SYNT DPF SAE 5W-30	< 35 mg	28,7 mg	– 18,00 %
SUNSPEED RACING MOTOR OIL SAE 10W-60	< 35 mg	13,2 mg	– 62,30 %

TEOST* 33C – ASTM D6335 – Turbo Charger

	API SP	SUNSPEED®	Delta standards
SUNSPEED MULTI SYNT DPF SAE 5W-30	< 30 mg	17,6 mg	– 41,30 %
SUNSPEED RACING MOTOR OIL SAE 10W-60	< 30 mg	7,1 mg	– 76,30 %

KEY BENEFITS

- Optimized fuel consumption thanks to excellent cold start properties.
- Reduced oil consumption, thanks to very low evaporation losses.

*Thermo-oxidation Engine Oil Simulation Test

ROWE SUNSPEED®

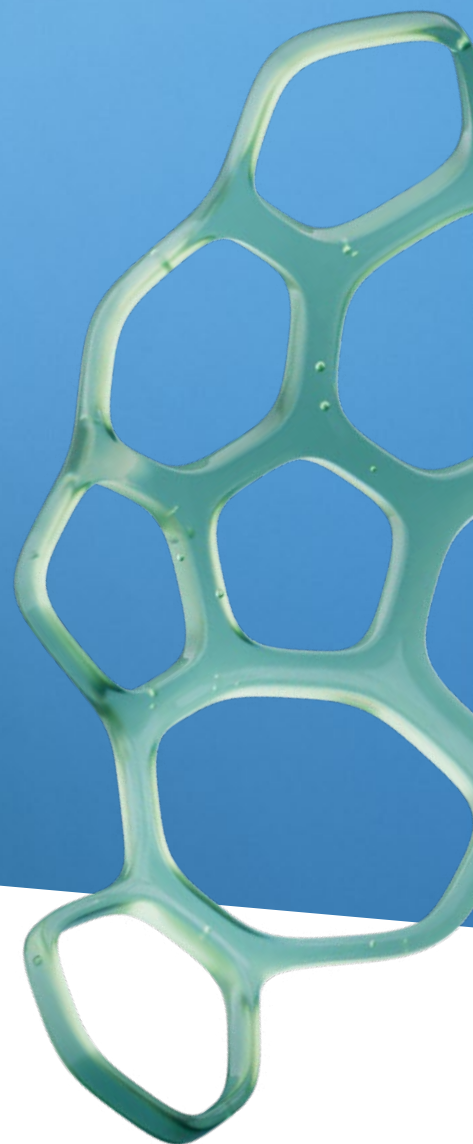
Made with base oils derived from 100 % plant-based biomass, ROWE SUNSPEED® is an innovative alternative to mineral oil-based lubricants. According to the “cradle-to-gate” assessment, the carbon footprint of the biosynthetic base oils (from cradle to factory gate) ^{*1}, is approximately -0.50 kg of CO₂ equivalents per kilogram of base oil. This means that more CO₂ is sequestered during the growth phase of the plant-based raw material than is released during the production of the base oils.

^{*1} Depending on the base oil manufacturer

/ MANUFACTURING

Renewable base oils

Carbon dioxide (CO₂), water, light, heat, and soil nutrients serve as the raw materials for the biosynthesis of plant fats. ROWE SUNSPEED® utilizes these 100 % plant-based, synthesized base oils, which are derived from renewable resources. This base oil serves as an essential key component in the formulation of ROWE SUNSPEED®. Combined with a high-performance additive package, it results in a high-quality, 100 % biosynthetic engine oil that serves as an alternative to petroleum-based lubricants.



01 Racing engine oils



Description	Approvals ^{a)} Recommendations ^{b)}	Art.-No.	Content	Pail. unit	Pack. unit
SUNSPEED RACING MOTOR OIL SAE 10W-60	—	4920019-0050-99	5l	140	4
Multigrade low-friction engine oil based on 100% biosynthetic ingredients* featuring the newly developed MULTI-ESTER TECHNOLOGY. Specifically developed and tested in vehicles used in racing. Even under maximum stress and critical conditions on the racetrack, this engine oil delivers top performance and ensures maximum engine power. *Excluding additives		4920019-0010-99	1l	600	12

02 Motor oils for passenger cars



Description	Approvals ^{a)} Recommendations ^{b)}	Art.-No.	Content	Pail. unit	Pack. unit
SUNSPEED SYNT RS C5 SAE 0W-20	» ACEA A1/B1,C5,C6 » API SQ/SP RC/SN PLUS RC (Resource Conserving) » ILSAC GF-5/-6A/-7A » BMW Longlife-17 FE+ » Chrysler MS-12145 » Fiat 9.55535-GSX/DSX » Ford WSS-M2C947-B1/M2C954-A1/M2C962-A1 » GM dexos D » Jaguar Land Rover STJLR 03.5006 » MB 229.71/229.72 » Opel/Vauxhall OV 040 1547-A20 » Volvo VCC C6SP/VCC RBS0-2AE » VWC 530 57	 4920379-0050-99 4920379-0010-99	5l 1l	140 600	4 12
SUNSPEED SYNT RS LONGLIFE IV SAE 0W-20	» ACEA A1/B1,C5 » Ford WSS-M2C956-A1 » Porsche C20 » VW 508 00/509 00	 4920036-0050-99 4920036-0010-99	5l 1l	140 600	4 12
SUNSPEED MULTI SYNT DPF SAE 5W-30	» ACEA C3 » API SP/CF » BMW Longlife-04 » GM dexos2 » MB 229.52/229.51/229.31 » Opel/Vauxhall OV 040 1547-D30/-G30 » Porsche C30 » VW 503 00/504 00/506 00/507 00	4920125-0050-99 4920125-0010-99	5l 1l	140 600	4 12
SUNSPEED SYNT RS DLS SAE 5W-30	» ACEA C2,C3 » API SP RC/SN PLUS RC (Resource Conserving) » ILSAC GF-5/-6A » BMW Longlife-04 » Fiat 9.55535-S1 » Ford WSS-M2C961-A1 » GM dexos2 » MB 229.52/229.51/229.31 » Opel/Vauxhall OV 040 1547-D30 (nur/only Diesel) » Opel/Vauxhall OV 040 1547-G30 (nur/only Benzin/Gasoline) » VW 505 00/505 01 » VWC 530 34	4920118-0050-99 4920118-0010-99	5l 1l	140 600	4 12

a) Name approval has been issued:

b) Additionally this product is recommended when the following filling instructions are required:

For current approvals, please refer to our product informations (PIs). These data are true and correct to the best of our knowledge and belief and reflect the current state of knowledge and our development effort. All rights to changes reserved! (Status 09.2026)

An innovative alternative for retailers and drivers



APPROVALS, RECOMMENDATIONS, STANDARDS AND SPECIFICATIONS

All ROWE SUNSPEED® products meet the same requirements as their respective mineral oil-based counterparts and are recommended by ROWE for the standards and specifications listed.

We have taken a decisive step forward in the heavy-duty and large-engine sector with our SUNSPEED TRUCKSTAR SAE 5W-30 and 10W-40. Both products have received manufacturer approval (DQC IV-18 LA) from DEUTZ AG – one of the world's leading manufacturers of engines for vehicles and machinery in the agricultural, construction, and off-highway sectors.

RANGE

- | | | | |
|-----------|---|-----------|--|
| / 4920019 | SUNSPEED RACING MOTOR OIL SAE 10W-60 | / 4920234 | SUNSPEED TRUCKSTAR SAE 5W-30 MULTI-LA |
| / 4920379 | SUNSPEED SYNT RS C5 SAE 0W-20 | / 4920096 | SUNSPEED TRUCKSTAR SAE 10W-40 MULTI-LA |
| / 4920036 | SUNSPEED SYNTH RS LONGLIFE IV SAE 0W-20 | / 4925020 | SUNSPEED ATF 9000 |
| / 4920125 | SUNSPEED MULTI SYNT DPF SAE 5W-30 | | |
| / 4920118 | SUNSPEED SYNT RS DLS SAE 5W-30 | | |
| / 4920138 | SUNSPEED MULTI FORMULA SAE 5W-40 | | |
| / 4920068 | SUNSPEED SYNT RSi SAE 5W-40 | | |

EASY ORDERING

The number "49" is placed in front of our existing product numbers and identifies the **SUNSPEED** range.



OUR PRODUCT LINE

You can find all of our SUNSPEED® products on our website.

www.rowe-oil.com/en/sunspeed

02 Motor oils for passenger cars



Description	Approvals ^{a)} Recommendations ^{b)}	Art.-No.	Content	Pal. unit	Pack. unit
SUNSPEED MULTI FORMULA SAE 5W-40 Full-range, low-friction engine oil based on 100% biosynthetic* for passenger car gasoline and diesel engines, with or without turbocharging, including diesel particulate filters. This product meets a wide range of current manufacturer specifications and is therefore particularly well-suited as a standardization product. *Excluding additives	» ACEA C3 » API SN/CF » BMW Longlife-04 » Fiat 9.55535-S2/T2 » Ford WSS-M2C917-A » GM dexos2 » MB 229.31/229.51/226.5 » Porsche A40 » Renault RN0710/0700 » VW 505 00/505 01	4920138-0050-99 4920138-0010-99	5l 1l	140 600	4 12
SUNSPEED SYNT RSI SAE 5W-40 High-performance engine oil based on 100% biosynthetic base stock*, specially developed for modern passenger cars with gasoline or diesel engines, with or without turbocharging. Its advanced formulation allows for a wide range of applications and ensures reliable operation under all operating conditions. *Excluding additives	» ACEA A3/B4 » API SN/CF » MB 229.3/226.5 » Opel GM-LL-A-025/GM-LL-B-025 » Porsche A40 » PSA B71 2296 » Renault RN 0700/0710 » VW 502 00/505 00	4920068-0050-99 4920068-0010-99	5l 1l	140 600	4 12

03 Motor oils for commercial vehicles



Description	Approvals ^{a)} Recommendations ^{b)}	Art.-No.	Content	Pal. unit	Pack. unit
SUNSPEED TRUCKSTAR SAE 5W-30 MULTI-LA Modern, low-ash, ultra-high-performance diesel (UHPD) engine oil based on 100% biosynthetic base stock*. Developed and formulated for particulate filter systems in commercial vehicles in accordance with manufacturer specifications. *Excluding additives	» Deutz DQC IV-18 LA » ACEA E6,E7,E8,E9,E11 » API CK-4/SN PLUS/SN » Caterpillar ECF-3 » Cummins CES 20081/20086 » DAF PSQL 2.4 LD/2.4/2.1 E LD/2.1 E » Detroit Diesel 93K222/93K218 » DTFR 15C110 (ex. MB 228.51)/DTFR 15C100 (ex. MB 228.31)/DTFR 15C120 (ex. MB 228.52) » Ford WSS-M2C213-A1/171-E » JASO DH-2 » Mack EOS-4.5/EO-O PP » MAN M3677/M3775/M3271-1/M3275/M3477/M3575 » MTU Type 3.1 » Renault RXD/RLD-3/RLD-2/RGD » Scania LDF-4/Low Ash » Volvo VDS-4.5/VDS-4/VDS-3	4920234-2000-99 4920234-0600-99 4920234-0200-99	200l 60l 20l	2 6 30	1 1 1
SUNSPEED TRUCKSTAR SAE 10W-40 MULTI-LA High-quality SHPD multi-grade low-friction engine oil based on 100% biosynthetic base stock*. Developed and formulated for particulate filter systems in commercial vehicles in accordance with manufacturer specifications. *Excluding additives	» Deutz DQC IV-18 LA » ACEA E6,E7,E8,E9,E11 » API CK-4/SN » Caterpillar ECF-3 » Cummins CES 20081/20086 » Detroit Diesel 93K222/93K218 » DTFR 15C110 (ex. MB 228.51)/DTFR 15C100 (ex. MB 228.31)/DTFR 15C120 (ex. MB 228.52) » Ford WSS-M2C213-A1/171-E » JASO DH-2 » Mack EOS-4.5/EO-O PP » MAN M3677/M3775/M3271-1/M3275/M3477/M3575 » MTU Type 3.1 » Renault RXD/RLD-3/RLD-2/RGD » Scania LDF-4/Low Ash » Volvo VDS-4.5/-4/-3	4920096-2000-99 4920096-0600-99 4920096-0200-99	200l 60l 20l	2 6 30	1 1 1

NEW

NEW

04 Automatic transmission fluids (ATF)



NEW

Description	Approvals ^{a)} Recommendations ^{b)}	Art.-No.	Content	Pal. unit	Pack. unit
SUNSPED ATF 9000	» Allison C-4/TES 295/TES 389	4925020-2000-99	200l	2	1
Multifunctional ATF fluid based on 100% biosynthetic ingredients*. Suitable for use in newer automatic transmissions in accordance with the manufacturer's specifications. *Excluding additives	» BMW LA-2634/LT-71141/ETL 7045 E	4925020-0600-99	60l	12	1
	» Chrysler ATF+3/+4	4925020-0200-99	20l	30	1
	» DEXRON IIIH	4925020-0050-99	5l	140	4
	» DTFR 13C110 (ex. MB 236.11)/	4925020-0010-99	1l	600	12
	DTFR 13C150 (ex. MB 236.8)/				
	DTFR 13C170 (ex. MB 236.9)/				
	DTFR 13C180 (ex. MB 236.91)				
	» Ford M2C195-A/202-B/922-A1/				
	WSS-M2C924-A/938-A				
	» GM 9986195				
	» Honda Z1				
	» Hyundai/Kia/Mitsubishi SP-II/-III				
	» MAN 339 Type V1/V2/Z2/Z3/Z11				
	» MB 235.71/236.10				
	» MERCON/MERCON V				
	» Nissan Matic-D/J/K				
	» Toyota T-IV/JWS 3309				
	» Volvo 97341/Volvo 5-Speed (1161540)				
	» Voith 55.6335.xx (G607)/H55.6336.xx (G1363)				
	» VW 50 160/TL 52 162/G 052 990/G 055 025				
	» ZF TE-ML 02F, 04D, 11B, 14B, 14C,				
	16L, 16R, 17C, 20B, 25B				

a) Name approval has been issued:

b) Additionally this product is recommended when the following filling instructions are required:

For current approvals, please refer to our product informations (PIs). These data are true and correct to the best of our knowledge and belief and reflect the current state of knowledge and our development effort. All rights to changes reserved! (Status 09.2026)

ROWE SUNSPPEED® in a high perfor- mance test



From the lab to the racetrack and from there to the store shelves – that has long been ROWE's development philosophy.

Our involvement in motorsports not only gets our hearts racing, but also helps us gain crucial insights. Using its "mobile laboratory" ROWE conducts research on new lubricants, optimizes formulations, and achieves what no laboratory in the world can replicate: real-world testing under extreme conditions. ROWE SUNSPEED® also has its origins here and has been continuously improved over thousands of kilometers of testing and racing.



Since 1995, ROWE has stood for high-quality lubricants and coolants made in Germany – with a clear mission: to turn our partners' ambitions into reality.

Our comprehensive product line, featuring a high degree of vertical integration, is available in more than 80 countries; numerous approvals from renowned manufacturers attest to the fact that ROWE products meet the highest standards. Our plant in Worms – one of the most modern in Europe – sets the standard for sustainability and quality.

But for us, premium products are just the beginning: From development and manufacturing to services that go beyond the product itself, we work every day to make your business more successful.



Always ambitious

As a value-added partner for the development, manufacture, and supply of lubricants and coolants, we enable our partners in the automotive and industrial sectors to make their businesses more successful. This is both our mission and our promise.



Dr. Alexandra Kohlmann
Managing Director

Stefan Wermter
Managing Director

Ambition in numbers

End-to-end expertise in lubricants
and coolants for our customers and
partners worldwide.



Liters tank capacity

11 million

Containers/hour
Filling rate

8.000

Employees*

350

Dedicated Lines

65 km

Made in Germany

100 %

Floor area in Worms

100,000 sq. m



* Refers to the entire ROWE Group.



For more information, visit our website

For more information about our SUNSPEED series lubricants, please visit the following link or scan the QR code.

www.rowe-oil.com/en/sunspeed



Our brochures in other languages

Our SUNSPEED brochure is available digitally in several languages. Simply scan the QR code and select the language version you want.

ROWE®

ROWE MINERALÖLWERK GMBH

Langgewann 101

D-67547 Worms

☎ +49 6241 5906-0

📠 +49 6241 5906-999

✉ info@rowe-oil.com

www.rowe-oil.com