



OIL TUNING

RESPO®

TOYO SYSTEM

RESPO

COMPANY PROFILE

| | |
|-----------|--|
| Company : | Toyo System Co., Ltd |
| Address : | 520 Ibori, Nagakute City, Aichi Prefecture |
| Tel No. : | 0561-63-7727 |
| Founded: | Since 1982 |
| Capital : | ¥ 16,000,00 JPY |
| C.E.O : | Hirano Takayoshi |



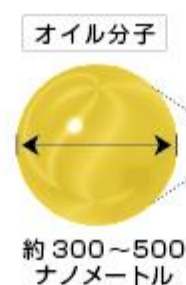
粘弾性オイルシリーズ



RESPO
OIL TUNING



※イメージ図



RESPO®

Engine Oil



R TYPE 10w-50

API : SM Grade

SAE: 10w-50

For medium to large displacement vehicles & turbo engines
High power engine compatible oil with excellent durability



V TYPE 5w-40

API : SN Grade

SAE: 5w-40

For small to medium displacement and high revolution engines Achieves sharp high-speed blowup and super response



S TYPE 10w-40

API : SM Grade

SAE: 10w-40

For all purposes from sports to normal street driving.
Long-selling oil with excellent quietness



E TYPE 5w-30

API : SN Grade

SAE: 5w-30

For fuel-efficient engines
Achieve durability and fuel saving performance

Recommended for : Medium to large displacement vehicles and turbo vehicles such as Impreza / Legacy / Lanevo / NSX / Fairlady Z / Skyline / Cima / Lexus / Celsio / Aristo / Porsche / Benz / Jaguar etc.

Recommended for : Swift Sports / S2000 / Civic Integra Type R / Altezza / Roadster / MR-S /
A compact sports car with a high-rotation type natural intake engine such as a beat.
Luxurious car of large displacement natural intake engine such as Lexus / Celcio / Cima / Fuga.

Recommended for : All domestic and imported cars such as Golf / Opel / Audi / Benz / Volvo / Peugeot / Alfa Romeo / Avensis / Atenza / Axela / Accord

Recommended for : Prius / Vitz / March / Demio / Fit / Alphard / Estima / Elgrand / Odyssey / MPV / Mini Cars etc.



RESPO®

Engine Oil for Hybrid Vehicles



HYBRID SPORTS 0w-20

API : SN Grade

SAE: 0w-20

Engine Oil for Hybrid Vehicles

The oil film is made particularly strong, and by combining the viscoelastic oil component “RESPO” which improves the lubricating performance and the nano spherical titanium “RESPO titanium” which reduces the frictional resistance and improves the heat resistance and extreme pressure resistance, 0W-20 cares for the engine with a low viscosity setting.

Recommended for: hybrid cars, idling stop cars, fuel saving engine oil (0w-20) designated cars

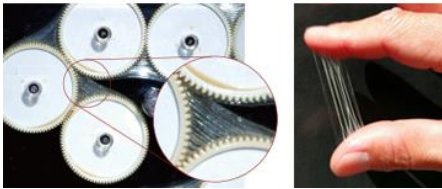


RESPO®

Engine Oil for High-tuned Turbo Vehicles



R TYPE RS SPEC 15w-50



This navel greatly improves the oil film retention effect

Engine Oil for High-tuned Turbo Vehicles

The W effect of "viscoelastic oil component" and "nano spherical titanium" demonstrates 100% of turbo engine performance.

Ideal for RB, JZ, SR engines.

Recommended for FJ, CA, VG, 7M, 4G63 engines etc.

Supports high boost and high speed

The visco-elastic oil component strengthens the oil film, and the nano spherical titanium reduces the friction under high load and supports high rotation and high boost.

Reduce or improve engine mechanical noise and lash adjuster noise

The enhanced oil film further cushions the oil, reducing or eliminating the noise generated by the collision of engine internal parts.

Reduce or improve engine oil consumption

Improved sealing effect reduces or eliminates oil consumption due to oil falling or oil rising.

Improvement of engine output

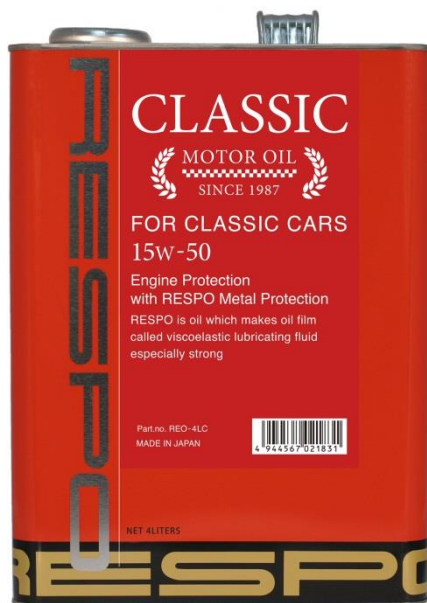
The enhanced oil film reduces combustion leakage due to compression leakage and blow through, and improves combustion efficiency. In addition, any friction inside the engine is reduced, mechanical loss is reduced and engine power is improved.

Recommended for : Skyline (R31 / 2/3/34), Fairlady Z (Z 31/32), Silvia / 180 SX (S 13/14/15) 2000cc or more turbo vehicles such as Supra Soara (70/80), Mark II / Chaser / Cresta (80/90/100) Lancer EVO (I-X)

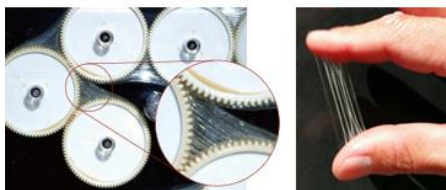
※ Please use rotary oil only for rotary engine cars.

RESPO®

Engine Oil for Classic Vehicles



RESPO CLASSIC 15W-50



This navel greatly improves the oil film retention effect

Engine Oil for Classic Vehicles

RESPO CLASSIC is a product formulated with high concentration of viscoelastic oil component specific to RESPO. It has excellent oil film retention performance and is effective for vehicles with high oil consumption and vehicles with large mechanical noise.

Reduction or elimination of engine mechanical noise

The enhanced oil film further cushions the oil, reducing or eliminating the noise generated by the impact of internal engine parts.

Reduce or eliminate engine oil consumption

Improved sealing effect reduces or eliminates oil consumption due to oil falling or oil rising.

Improvement of fuel consumption

The enhanced oil film reduces combustion leakage due to compression leakage and blow through and improves combustion efficiency. In addition, all friction inside the engine is reduced, mechanical loss is reduced and fuel consumption is improved.

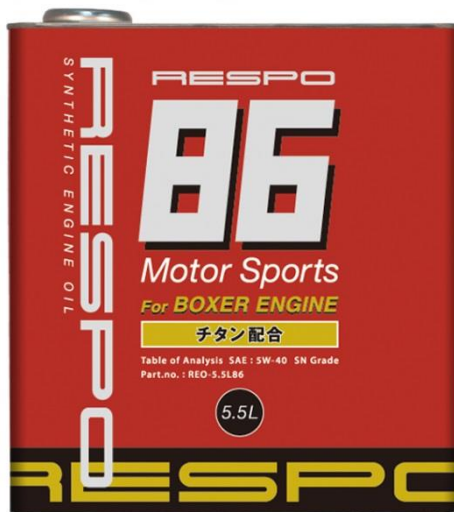
Suppress the decrease in lubricating power due to gasoline mixing

It maintains high lubricating power against gasoline mixing into the oil of carburetor vehicle and ensures internal lubrication of the engine.

Recommended for : Toyota 2000GT · TE 37 Levin · KP 61 Starlet · Toyota Sports 800 Skyline (Hakosuka · Kenmeri etc.) · Fairlady SR311 · S30Z · 310 Sunny · 510 Bluebird · Galan GT 0 · 117 Coupe Old cars such as Porsche · Lotus Alfa Romeo

RESPO®

Engine Oil for Vehicles with Horizontally Opposed Engines



RESPO 86 5w-40

API : SN Grade

SAE: 5w-40

Engine Oil for Horizontally Opposed Engine

Viscoelastic oil component that makes the oil film particularly strong and the lubrication performance improves. The combination of “RESPO” and nano-spherical titanium “RESPO titanium” that reduces friction resistance and improves heat resistance and extreme pressure resistance creates a high-performance oil that can exhibit 100% of the potential of the “FA20” engine.

Assuming a circuit run, with a viscosity setting of 5W-40, The industry's first 5.5L cans were manufactured, taking into consideration the amount of oil used during oil change of the "FA20" engine (oil change only: 5.2L oil and element change: 5.4L). “RESPO 86” is an engine oil produced just for the "FA20" engine.

RESPO®

Engine Oil for Vehicles with Horizontally Opposed Engines



RACING 10w-50

FOR VEHICLES
WITH HIGH
POWER
TURBO ENGINE



TURBO 10w-40

FOR VEHICLES
WITH TURBO
ENGINE



NA 5w-30

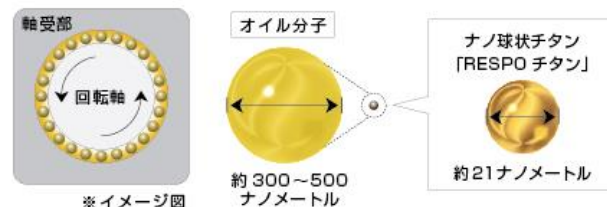
FOR VEHICLES WITH
HORIZONTALLY
OPPOSED ENGINES

RESPO **F** TYPE

INCREASED NANO TITAN

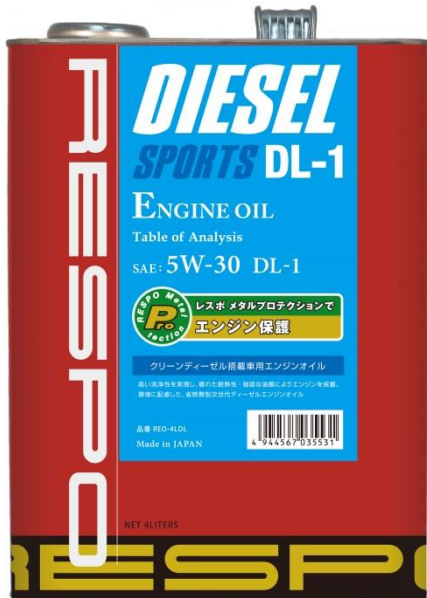
An advanced engine protection performance for vehicles with Horizontal Opposed Piston.

API : SM GRADE



RESPO®

Engine Oil for Clean Diesel Vehicles



DIESEL SPORTS DL-1

SAE: 5w-30

JASO: DL-1 GRADE

Specified for Japan's Vehicle

JASO: Oil that has cleared the DL-1 standard

A design that emphasizes engine protection and fuel efficiency even under severe driving conditions, and reduces the generation of ash that is considered to be the cause of clogging of DPF (fine particle collection filter), considering the future with consideration to the environment and economy Type engine oil

Recommended for : JASO: DL-1 standard oil using vehicle

Toyota: HIACE / RESIDIAS ACE / Land Cruise Plaque Clean Diesel Car

Nissan: NV 350 clean diesel vehicle

Mazda: CX-5 / Atenza / Demio / CX-3 / Accelerated diesel car

RESPO®

Engine Oil for Clean Diesel Vehicles



DIESEL SPORTS C3

SAE: 5w-40

ACEA: C3 GRADE

Specified for European Vehicles

ACEA: Oil that has cleared the C3 standard

A futuristic engine oil with environmental and economic considerations designed to protect the engine even under severe driving conditions, and reduce ash formation that is considered to be the cause of clogging in DPF (fine particle collection filter)

Recommended for : Benz, BMW, Porsche, Volkswagen

ACEA: C3 oil-based vehicles Nissan: X-Trail clean diesel car, NV350 clean diesel vehicle

RESPO®

Engine Oil for Racing Car



Le mans 15w-50

API : SM Grade

SAE: 15w-50

For any high power & tuning engine

The highest grade non-polymer base oil is used to form a strong oil film even under severe conditions.

The high level of endurance guarantees the best performance.

In addition, it is possible to blend with Le mans Light 7.5w-30, and it can be used according to every application and season.

Recommended for : Porsche (911/930/964/993/996 etc.) / Ferrari / Skyline GT-R / Impreza / Lanevo / Legacy / NSX / Benz AMG high-power cars & tuning cars

Le mans 15w-50 and Le mans light 7.5w-30 can be blended and can be used according to every application and season.

Blending Ratio Reference

| Le mans 15w-50 | Le mans light 7.5w-30 | Viscosity |
|----------------|-----------------------|-----------|
| 0% | 100% | 7.5w-30 |
| 30% | 70% | 7.5w-40 |
| 50% | 50% | 10w-40 |
| 70% | 30% | 10w-50 |
| 100% | 0% | 15w-50 |

RESPO®

Engine Oil for Racing Car



Le mans Light 7.5w-30

API : SM Grade
SAE: 7.5w-30

Nano spherical titanium "RESPO titanium" combination For small displacement and high revolution engine

It uses the same non-polymer base oil as Le mans 15w-50 and forms a strong oil film under extreme conditions.

Highly durable oil with extremely low viscosity reduction.

In addition, it is possible to blend with Le mans 15w-50, and it can be used according to every application and season.

Recommended for : Swift Sport / S2000 / Civic / Integra Type R / Altezza / Roadster / MR-S / compact sports car with high-rotation natural intake engine such as beat

Le mans 15w-50 and Le mans light 7.5w-30 can be blended and can be used according to every application and season.

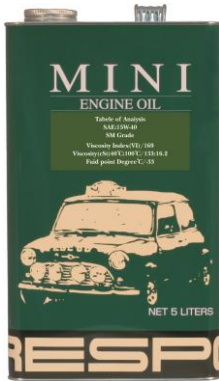
| Blending Ratio Reference | | |
|--------------------------|-----------------------|-----------|
| Le mans 15w-50 | Le mans light 7.5w-30 | Viscosity |
| 0% | 100% | 7.5w-30 |
| 30% | 70% | 7.5w-40 |
| 50% | 50% | 10w-40 |
| 70% | 30% | 10w-50 |
| 100% | 0% | 15w-50 |

RESPO®



Engine Oil for MINI

**Engine Oil Dedicated to perform 100%
for MINI MT**

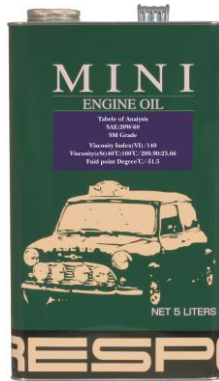


MINI 15w-40

API : SM Grade
SAE : 15w-40

Special oil developed not only for the engine but also for the MT structure

The combination of lubrication performance and extreme pressure performance at a high level keeps all MINI MT vehicles in the best condition.



MINI 20w-60

API : SM Grade
SAE : 20w-60

For MINI
COUPER
with high oil
consumption / Hard
driving / Heat
Dripping
MINI

**Classic Oil Dedicated to perform 100%
for MINI AT**



MINI A/T 15w-45

API : SM Grade
SAE : 15w-45

Engine oil dedicated for MINI AT that achieved a high level of lubrication performance.

* Features *

Automatic shock reduction /
Durability · Improved recovery
of torque transmission



Engine Oil for Vehicles with Rotary Engine



RE TYPE 15w-50

API : SM Grade

SAE: 15w-50

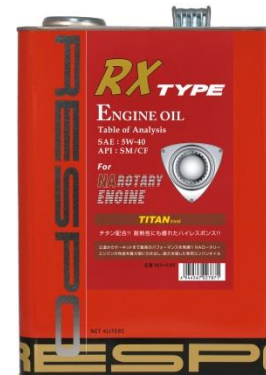
Demonstrate the best performance from public roads to circuits. Dedicated oil to maximize the performance of a turbocharged rotary engine

* Features *

1. Improve the air tightness of side seals and corner seals !!
2. Minimize Apex seal damage and carbon adhesion !!
3. Minimize sludge generation and improve combustion efficiency !!
4. Maintain high heat resistance with all synthetic oils !!

Recommended car models:

Car with turbocharged rotary engine (RX-7)



RX TYPE 5w-40

API : SM Grade

SAE: 5w-40

Demonstrate the best performance from public roads to circuits. Dedicated oil to maximize the performance of NA rotary engine

* Features *

1. Improve the air tightness of side seals and corner seals !!
2. Minimize Apex seal damage and carbon adhesion !!
3. Minimize sludge generation and improve combustion efficiency !!
4. Maintain high heat resistance with all synthetic oils !!

Recommended car models:

Car with a natural intake system rotary engine (RX-8)

RESPO®

Engine Oil for Business Purposes



Pro TYPE 5w-30

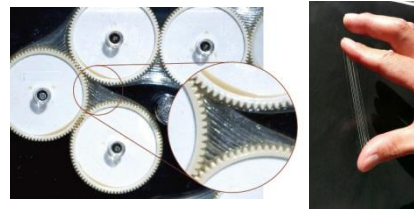
API : SM Grade

SAE: 5w-30

Achieves high cost performance

High quality all-synthetic engine oil with stable oil film retention and fuel saving

※ Only Available in 20L Can



This navel greatly improves the oil film retention effect

RESPO®

Gear Oil



**Le Mans
80w-140**

API : GL-5
Mechanical L.S.D. /
Race-ready gear oil



**Le Mans RS
80w-120**

API : GL-5
Mechanical L.S.D. /
Integral MT gear oil



**R TYPE
75w-90**

API : GL-5
Wide range of
multi-type gear oil



RS TYPE

API : MT GEAR OIL
Ideal for cars with
a slow shift

RESPO®

ADDITIONAL

----- ENGINE GEAR OIL -----



RESPO EMD

For engine / mission
/ differential

To maintain the
condition of the
brand new car.



RESPO AT

For automatic
missions

Guardian of
automatic



RESPO VINTAGE

For engine / mission
/ differential

For cars with many
mileage

----- OTHERS RESPO ADDITIONAL -----



TANK IN CLEANER

Fuel additive
Only for clean diesel
vehicles



TANK IN CLEANER

Fuel additive
Remove dirt inside the
engine