

AUTOMOTIVE LUBRICANTS

Product Catalogue

The Moving Innovation



PERFORMA Gasoline Motor Oil for Passenger Car

 European PC (Gasoline + Diesel)		 PERFORMA SYNTHETIC SAE 5W-30/5W-40		
 Japanese PC (Gasoline)		 PERFORMA SYNTHETIC SAE 5W-30/5W-40	 PERFORMA SYNTEC PLUS 10W-40	
 Eco Cars & Hybrid Vehicle		 PERFORMA SYNTHETIC ECO CAR SAE 0W-20	 PERFORMA SYNTHETIC SAE 5W-30	
 PC with Natural Gas		 PERFORMA NGV SAE 10W-40/20W-50		

Choosing the viscosity grade depending on OEM's manual, engine and working conditions.
Consulting experts to select the right viscosity grade.

CHALLENGER SUPER BIKE RACING SAE 10W-50

Ultimate fully synthetic racing engine oil formulated for high performance modern sport and big bikes 4-stroke motorcycles.



- Releases maximum engine performance.
- Maximizes engine protection even in most extreme race.
- Enhances clutch locked up performance and smooth gear shifting.

Global Standards

- JASO MA2
- API SN

CHALLENGER SYNTHETIC 4T SAE 10W-40

Premium fully synthetic motorcycle oil formulated for modern 4-stroke motorcycles.



- Improves acceleration response.
- Delivers excellent engine wear protection under high speed and high temperature condition.
- Optimizes friction control for smooth gear shifting.

Global Standards

- JASO MA2
- API SN

4-Stroke
High Performance
& Racing Motorcycles



CHALLENGER
SUPER BIKE RACING
10W-50/10W-60

4-Stroke
Motorcycle



CHALLENGER
SYNTHETIC 4T
SAE 10W-40



CHALLENGER 4T
SAE 10W-40



HI-SPEED 4T
SAE 20W-40



MAX SPEED 4T
SAE 40

Automatic 4-Stroke
Scooter



CHALLENGER
SYNTHETIC 4T
SAE 10W-40



CHALLENGER 4T-AT
SAE 10W-40



CHALLENGER SCOOTER
SAE 10W-30

2-Stroke
Motorcycle



CHALLENGER
SYNTHETIC 2T



HI-SPEED 2T



MAX SPEED 2T

Other Products



SUPER LONGLIFE
COOLANT-R
PREMIXED



SUPER LONGLIFE
COOLANT-R
PREMIXED



FLUSHING OIL

Selecting brake fluids following the OEM's manual.

Choosing the viscosity grade depending on OEM's manual, engine and working conditions.
Consulting experts to select the right viscosity grade.

Light Duty Diesel Engines	New Common Rail Engine		 DYNAMIC COMMONRAIL SYNTHETIC SAE 5W-30	 DYNAMIC COMMONRAIL SAE 10W-30	
	Old Common Rail and Diesel Engine		 DYNAMIC COMMONRAIL SYNTHETIC SAE 5W-40		
Heavy Duty Diesel Engines	European HD Diesel Engine		 DYNAMIC SYNTEC SAE 15W-40		 DYNAMIC PLUS SAE 15W-40
	Japanese HD Diesel Engine		 DYNAMIC SYNTEC SAE 15W-40		 DYNAMIC PLUS SAE 15W-40
	Japanese HD Diesel Engine	 DYNAMIC SAE 15W-40	 D-3 PLUS SAE 40		

AUTOMAT CVT

Premium fully synthetic Continuously Variable Transmission (CVT) fluid formulated for both belt- and chain-CVTs in all passenger cars.



- Optimized friction control for enhancing belt and pulley wear protection.
- Outstanding foaming prevention over a wide range of temperature.
- Extended oil drain intervals.

AUTOMAT CVT meets OEM Standards

Mitsubishi	NS-1, NS-2, NS-3*	Daihatsu	Amix CVTF-DC, CVTF-DFE*	Mercedes-Benz (MB)	CVT28 / MB 236.20	GM / Saturn	DEX-CVT
Honda	HMMF, HCF-2*	Hyundai / Kia	SP-CVT 1	BMW	8322 0 136 376 / 8322 0 429 154 / (E2L 799A)	Dodge / Jeep	NS-2, CVTF-4 MOPAR CVT 4
Toyota / Lexus	TC, FE*	Suzuki	CVTF 3320, TC, NS-2, Green 1, Green 2*	Mini Cooper	E2L 799A / ZF CVT V1	Ford	CVT23
Mitsubishi / DaimlerChrysler	CVTF-J1, CVTF-J4*	Subaru	e-CVTF, i-CVT CV20	Punch	E2L 799A	Ford (Chain CVT)	CFT30 / VSS-M2C203-A / Motorcraft / XT-7-6CFT / MERCON C
Mazda	CVTF 3320	Subaru (Chain CVT)	Lineartronic CVTF, high torque CVTF, K0425Y0710	VW/Audi (Chain CVT)	TL 52180; G 052 160; G 052 516		

*Can be considerable to use without fuel economy benefit

CVTs (Continuous Variable Transmissions)



AUTOMAT CVT

Transmissions and Differentials



GL-5
SAE 90 /140



G-100
SAE 90/140

HD Transmission Systems



D-3 PLUS
SAE 40

Choosing the viscosity grade depending on OEM's manual, engine and working conditions.
Consulting experts to select the right viscosity grade.

Light Duty Diesel Engines



DYNAMIC COMMONRAIL SYNTHETIC
SAE 5W-30/
5W-40

DYNAMIC COMMONRAIL
SAE 10W-30

Heavy Duty Diesel Engines



DYNAMIC SYNTEC
SAE 15W-40

DYNAMIC PLUS
SAE 15W-40

DYNAMIC
SAE 15W-40

D-3 PLUS
SAE 40

Mobile Gas Engines

Automatic Transmissions and CVTs



AUTOMAT CVT

Transmission Systems



GL-5
SAE 90/140

Other Products



SUPER LONGLIFE COOLANT-R PREMIXED

SUPER LONGLIFE COOLANT PREMIXED

FLUSHING OIL



Passenger Car

Passenger Car



PERFORMA
SYNTHETIC
ECO CAR
SAE 0W-20



PERFORMA
SYNTHETIC
SAE 5W-30/
5W-40



PERFORMA
SYNTEC PLUS
SAE 10W-40



PERFORMA
SAE 20W-50



CHALLENGER
SUPER BIKE RACING
SAE 10W-50/
10W-60



CHALLENGER
SYNTHETIC 4T
SAE 10W-40/



CHALLENGER 4T
SAE 10W-40

4T Motorcycle



CHALLENGER
4T-AT
SAE 10W-40



CHALLENGER
SCOOTER
SAE 10W-30



HI-SPEED 4T
SAE 20W-40



MAX SPEED 4T
SAE 40



CHALLENGER
SYNTHETIC 2T



HI-SPEED 2T



MAX SPEED 2T

2T Motorcycle

Passenger Car Motor Oils

PTT Lubricants Products	Viscosity Grade	Key Performance Standard
PERFORMA SYNTHETIC ECO CAR	SAE 0W-20	API SP, ILSAC GF-6A
PERFORMA SYNTHETIC	SAE 5W-30	API SN/CF, ACEA A5/B5/C2
PERFORMA SYNTHETIC	SAE 5W-40	API SN, ACEA A3/B4-16, MB 229.5, BMW LL-01, VW 502 00/505 00, PORSCHE A40, FORD WSS-M2C917-A, RENAULT RN0700/0710, PSA B71 2296
PERFORMA SYNTec PLUS	SAE 10W-40	API SP
PERFORMA	SAE 20W-50	API SN/CF

Light Duty Diesel Engine Oils

PTT Lubricants Products	Viscosity Grade	Key Performance Standard
DYNAMIC COMMONRAIL SYNTHETIC	SAE 5W-30	ACEA A1/B1-16, A5/B5-16, FORD WSS-M2C913-C and WSS-M2C913-D
DYNAMIC COMMONRAIL SYNTHETIC	SAE 5W-40	ACEA A3/B4-16, MB 229.3, BMW LL-01
DYNAMIC COMMONRAIL	SAE 10W-30	API CI-4/SL, ACEA A3/B4/E7, JASO DL-0/DH-1, MB 229.1, 228.3, VOLVO VDS-3, CUMMINS 20078

Heavy Duty Diesel Engine Oils

PTT Lubricants Products	Viscosity Grade	Key Performance Standard
DYNAMIC SYNTec	SAE 15W-40	API CK-4/SN, ACEA E9/E7, JASO DH-2, MB 228.31, MTU TYPE 2.1, VOLVO VDS-4.5, CUMMINS 20086/81, CATERPILLAR ECF-3, RENAULT RID-3
DYNAMIC PLUS	SAE 15W-40	API CI-4, CH-4/SL, ACEA E7-16, JASO DH-1, MB 228.3, MTU TYPE 2, VOLVO VDS-3, CUMMINS 20078, CATERPILLAR ECF-1A, ALLISON C4
DYNAMIC	SAE 15W-40	API CF-4, CE/SG, ACEA E2, MB 228.1, ALLISON C-4
D-3 PLUS	SAE 40	API CF,CF-2/SF, ACEA E2, MB 228.0, MIL-L-2104D, MTU TYPE I, CATERPILLAR TO-2, ALLISON C-4

4 Stroke Motorcycle Oils

PTT Lubricants Products	Viscosity Grade	Key Performance Standard
CHALLENGER SUPER BIKE RACING	SAE 10W-50/10W-60	JASO MA2, API SN
CHALLENGER SYNTHETIC 4T	SAE 10W-40/15W-50	JASO MA2, API SN
CHALLENGER 4T	10W-40	JASO MA2, API SL
CHALLENGER 4T-AT	SAE 10W-40	JASO MB, API SL
CHALLENGER SCOOTER	SAE 10W-30	JASO MB, API SL
HI-SPEED 4T	SAE 20W-40	JASO MA2, API SG
MAX SPEED 4T	SAE 40	API SF

2 Stroke Motorcycle Oils

PTT Lubricants Products	Key Performance Standard
CHALLENGER SYNTHETIC 2T	JASO FD, ISO EGD, API TC, TIS1040-1998
HI-SPEED 2T	JASO FC, API TC, TIS1040-1998
MAX SPEED 2T	TIS 1040-1998

Automatic Transmission and CVT Fluids

PTT Lubricants Products	Key Performance Standard
AUTOMAT CVT	TOYOTA TC, HONDA HMMF, NISSAN NS-2, MB 236.20, SUBARU LINEARTRONIC CVTF, SUZUKI CVTF 3320

Transmission Fluids

PTT Lubricants Products	Viscosity Grade	Key Performance Standard
GL-5	SAE 90/140	API GL-5, MIL-L-2105D
G-100	SAE 90/140	API GL-4, MIL-L-2105

