



**MOS**  
MOTOR OIL SPECIALIST

Lubricant That Assures  
Long Vehicle Life

[www.mos.com.my](http://www.mos.com.my)

## Company & Brand Introduction

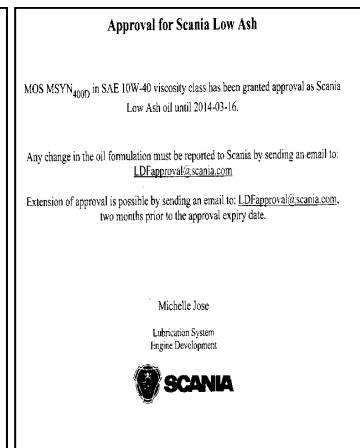
Established in 1996, MOS is one of the fast growing and prestigious brand in Malaysia specializing in automotive, commercial and industrial lubricants. Our brand values build on leading edge innovation, consistency of quality assurance and reliable supply chain to gain significant growth in market share over the years.

In conjunction to the stringent requirements in global emission legislation, fuel efficiency performance and extended Oil Drain Interval capability, MOS continuously draws on technical innovation with data-proven R&D works in providing effective lubrication solution.



## Certification & Approvals

MOS production house is conferred with Quality Management System BS EN ISO 9001:2015 accreditation by NQA (National Quality Assurance).



Many of MOS top-tier series are registered with API's Engine Oil Licensing & Certification System (EOLCS), JASO Engine Oil Standard and some individual OEM Standard for proven quality that adhered to required specification.



**SYNTEC ES-1**

SAE 10W-50 | Fully Synthetic  
API SN / JASO MA2

Recommended for all types of  
4-Stroke wet clutch motorcycles



**SYNTEC ES-3**

SAE 15W-50 | Fully Synthetic  
API SN / JASO MA2

Recommended for all types of  
4-Stroke wet clutch motorcycles



**SYNTEC ES-8**

SAE 10W-40 | Fully Synthetic  
API SN / JASO MA2

Recommended for all types of  
4-Stroke wet clutch motorcycles

# DOUBLE ESTER & PAO

The ultimate combo to explore higher performance benchmark

## Evolution of Performance

### Excellent Thermal Resistance

The ultimate combo of "Double Ester & PAO" tight up with proprietary AO-Tech (anti-oxidation) to exhibit outstanding Seq IIIG oil oxidation test. It demonstrates excellent oil viscosity control and providing exceptional stay-in-grade capability.

### Outstanding Engine Wear Protection

High lubricity characteristic of Ester base and unique Phosphorus componentry to overcome severe wear and tear from harsh and high RPM engine operation.

### High Temperature High Shear (HTHS) Stability

The product has undergone severe HTHS cycle test to ensure the it shear resistance performance. Result shows that the MOS SYNTEC ES series is extremely shear stable with very minimal viscosity % lost. It ensures product durability for extended mileage.





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### SYNTEC F-50

Premium Ester Base  
SAE10W-50 API SP/JASO MA2  
Volume content: 1.2L

#### Exceptional Acceleration & Power Release

MOS SYNTEC F50 is a racing range of 4-cycle motorcycle oil that tailored to explore higher performance benchmark. The formulation imparts Premium Ester Base to build a sturdy lubrication characteristic to outperform common synthetic grades in the market. Through vigorous field test in racing parameters, MOS SYNTEC F50 is certified for its performance and reliability.



### SYNEX EXTREME 4T

Premium UltraSynthetic Base  
SAE15W-50 API SN/JASO MA2  
Volume content: 1.2L

#### Excellent Shear Stability for V-Twin Engine

Consist robust oil film to withstand high stress and high temperature operation

#### Outstanding Anti-wear Performance

Provide incomparable anti-wear property for excellent engine wear protection under rough riding behavior

#### Robust TBN Retention

Proprietary TBN technology to exhibit robust characteristic for outstanding engine cleanliness and handling poorer fuel quality

#### Exceptional Heat Resistance

Keep engine cool despite of high engine RPM operation for long period

# Motorcycle Engine Oil Series



**SYNTEC F-50**  
Grade & Specification:  
SAE 10W-50  
API SN/JASO MA2  
Synthetic Ester  
Technology

Fully Synthetic



**SYNTEC ES-5**  
Grade & Specification:  
SAE 15W-50  
API SN/JASO MA2  
Power Booster  
Formulation

Semi Synthetic



**M SYNEX 4T**  
Grade & Specification:  
SAE 10W-40  
API SN/JASO MA2

Semi Synthetic



**M SYNEX 4T**  
Grade & Specification:  
SAE 15W-40  
API SN/JASO MA2

Semi Synthetic



**M SYNEX  
EXTREME 4T**  
Grade & Specification:  
SAE 15W-50  
API SL/JASO MA2

Semi Synthetic



**M RACE 4T**  
Grade & Specification:  
SAE 20W-50  
API SL/JASO MA2

Synthetic Base



**M RACE 4T**  
Grade & Specification:  
SAE 20W-40  
API SJ/JASO MA

Mineral Base



**M RIDE 4T**  
Grade & Specification:  
SAE 40  
API SG

Mineral Base



**M SYNEX 2T**  
Grade & Specification:  
JASO FC  
API TC, ISO-L-EGC  
Low Smoke  
Performance

Semi Synthetic



**M RACE 2T**  
Grade & Specification:  
JASO FC  
Low Smoke  
Performance

Mineral Base



**M RIDE 2T**  
Grade & Specification:  
API TA

Mineral Base



# Automatic Scooter Engine Oil Series



**SYNTEC  
SCOOTER 4T**  
Grade & Specification:  
SAE 5W-40  
API SN  
JASO MB

Fully Synthetic



**SYNTEC  
SCOOTER 4T**  
Grade & Specification:  
SAE 10W-50  
API SN  
JASO MB

Fully Synthetic



**M SYNEX  
SCOOTER 4T**  
Grade & Specification:  
SAE 15W-40  
API SN  
JASO MB

Semi Synthetic

# Top-Tier Passanger Car Engine Oil Series



MOS Top-tier fully synthetic PCMO series is developed through cutting-edge technology of lower SAPS (Sulphated Ash-Phosphorus-Sulfur) level componentry in accordance with European PCMO reduced SAPS requirement segmentation. The product series covers extensive premium performance claims developed by European, North America and Asian OEMs. The products' componentry built on unique Salicylate detergent technology to outperform conventional Calcium and Magnesium base detergent.



## M SYN TX4

Grade & Specification:  
SAE 0W-40  
API SN  
PAO & Ester Base

ACEA C3, MB p229.51,  
VW 502.00, VW 505.00,  
BMW LL-04, Porsche A40,  
Renault RN0700 / RN0710,  
GM Dexos 2

**Fully Synthetic**



## M SYN TX3

Grade & Specification:  
SAE 0W-30  
API SN  
PAO Base

ACEA C3-12, MB p229.51,  
VW 504.00, VW 507.00,  
BMW LL-04, Porsche C30,  
Opel Dexos 2

**Fully Synthetic**



## M SYN TX2

Grade & Specification:  
SAE 0W-20  
API SP/RC

ILSAC GF-6A, Chrysler M6395,  
FORD WSS-M2C945-A/ 946-A/  
947-A, Dexos 1: Gen2

**Fully Synthetic**



## M SYN T400

Grade & Specification:  
SAE 5W-40  
API SP

ACEA C3, BMW LL-04,  
MB229.51, MB 229.52,  
Opel OV0401547,  
Renault RN0700, 0710

**Fully Synthetic**



## M SYN T300

Grade & Specification:  
SAE 5W-30  
API SP/RC

ACEA C3, BMW LL-04  
ILSAC GF-6,  
MB229.51, MB 229.52,  
Opel OV0401547,  
Renault RN0700, 0710

**Fully Synthetic**



## M SYN T500

Grade & Specification:  
SAE 5W-50  
API SP/CF

**Fully Synthetic**

## Performance Features

- Powerful salicylate base detergency to prevent deposit formation on engine parts
- Superior antioxidation properties to control oil ageing that leads to extreme oil thickening
- Robust oil film that built on extremely shear-stable viscosity modifier for long-lasting lubricity
- Extensive European, North America and Asian OEMs performance claims
- Exhibit outstanding friction modifying performance that built on proprietary molybdenum chemistry and organic friction modifier

# Passanger Car Engine Oil Series



**M SYN S300**  
Grade & Specification:  
SAE 5W-30  
API SP/RC  
ILSAC GF-6A

**Semi Synthetic**



**M SYNEX E8**  
Grade & Specification:  
SAE 10W-40  
API SN

**Semi Synthetic**



**M TEC P1**  
Grade & Specification:  
SAE 15W-40  
API SM/CF

**Mineral Base**



**M TEC M50**  
Grade & Specification:  
SAE 20W-50  
API SJ/CF

**Mineral Base**



**M TEC M30**  
Grade & Specification:  
SAE 10W-30  
API SJ/CF

**Mineral Base**



# Feel The Flow

**MOS**  
MOTOR OIL SPECIALIST



## **INFINITY EX-4**

SAE 5W-40 API CK-4/SN

INFINITY EX-4 is the premium grade of fully synthetic heavy duty diesel engine lubricant which meets wide array of engine makers' approvals. It has been developed to meet critical North America and European OEM specification in tandem with API CK-4 and latest ACEA E11-22 classification to cater for latest Euro 6 emission standard heavy-duty engines fitted with Diesel Particulate Filter (DPF).

### **Oxidation Protection**

Improve oxidation performance by over 60% compared to API CJ-4  
Provide excellent thermal protection for high idle engine operation  
Extend oil aging process for longer drain capability

### **Wear Protection**

Outstanding cylinder, bearing and ring wear results  
Outstanding cross-head and injector screw material weight loss result  
Excellent bore polish and cylinder wear results

### **TBN Retention**

Stronger neutralization characteristic against acid  
Ultimate solution for poor quality diesel fuel  
Improve TBN retention performance by over 20% compared to API CJ-4 technology

### **Deposit Protection**

Excellent piston cleanliness and engine deposit performance  
Consist highly effective dispersant componentry to prevent deposit of sludge on engine surface



### **Grade & Specification:**

ACEA E11-22  
Mack EO-S-4.5  
Volvo VDS-4.5  
Cummins CES 20086  
Caterpillar ECF-3  
Detroit Diesel DFS 93K218,  
DFS 93K222  
MB 228.31  
MAN M3575  
MTU Category 2.1  
Renault RLD-4  
Ford WSS-M2C171-F1  
Deutz DQC III-10 LA





# Heavy Duty Diesel Engine Oil Series



**INFINITY E5**  
Grade & Specification:  
SAE 15W-40  
API CI-4/SL  
ACEA E7  
Cummins CES 20077,  
20078, Mack EO-N  
Cat ECF-2, Renault  
RLD-2, VOLVO VDS-3,  
MTU Oil Category 2,  
MAN M3275-1, MB  
p228.3, JASO DH-1,  
Detroit DFS 93K215,  
Deutz DQC III-10

Semi Synthetic



**CROWN HS-10**  
Grade & Specification:  
SAE 10W-40  
API CF-4/SJ

Semi Synthetic



**CROWN H6**  
Grade & Specification:  
SAE 15W-40  
API CF-4

Mineral Base



**CROWN H5**  
Grade & Specification:  
SAE 20W-50  
API CF-4

Mineral Base



**CROWN H4**  
Grade & Specification:  
SAE 40  
API CF-4

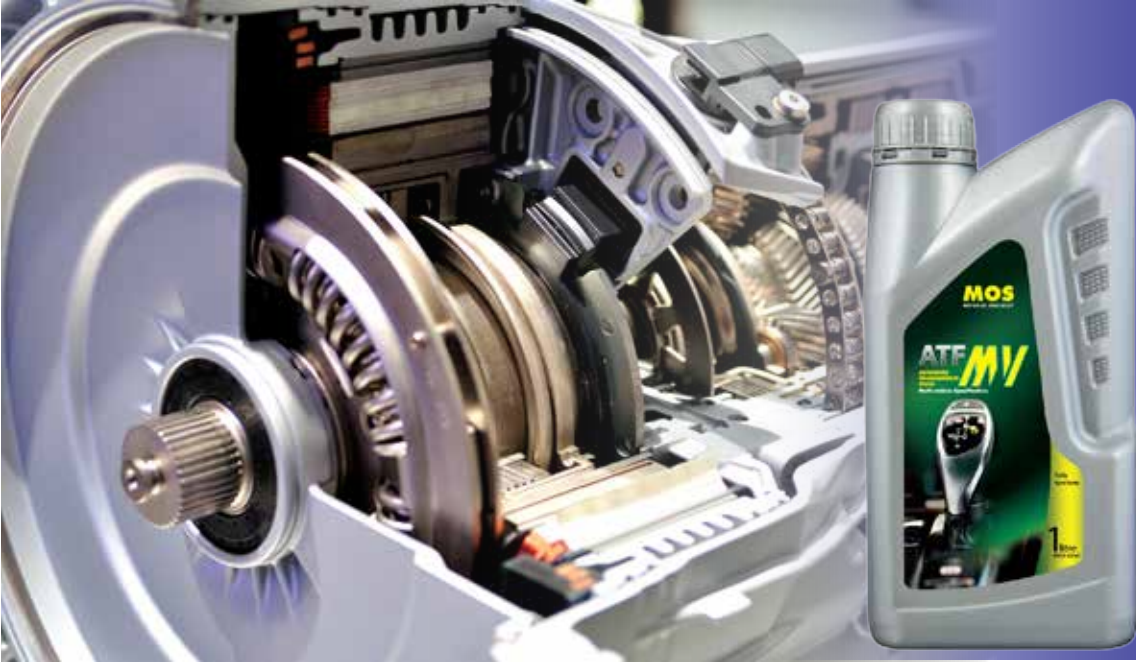
Mineral Base



**HD40**  
Grade & Specification:  
SAE 40  
API CD/SE

Mineral Base

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**ATF MV**  
High-Vis Multi-Vehicle  
Specification

**OEM Application List**

OEM / ATF	SUITABLE FOR USE	OEM / ATF	SUITABLE FOR USE	OEM / ATF	SUITABLE FOR USE
Allison	C2 C3 C4 TES-295 TES-389	GM / GMC / Opel / Saturn	Dex-B, IIC, IID, IIE, IIIF, IIIG, IIHH P/N 19 40 700 P/N 19 40 767 P/N 21005966 (Transaxle) P/N 22717466 P/N 88900925 P/N 9985010 P/N 9986195 T-IV, Saturn P/N 22689186 Type A Suffix A	Nissan / Infinity	N402 Matic-D, Matic-J, Matic-K
Aisin	JWS 3309 ATF-OT4			Porsche	P/N 000 043 204 41/63 P/N 000 043 205 09 P/N 000 043 205 28 P/N 000 043 305 42 P/N 999 917 547 00 (A2)
ATF	3100 PL085 ESSO LT 71141 JWS 3309 MOBIL ATF 3309 SHELL 3403-M115 SHELL LA 2634 TEXACO ETL 7045E TEXACO ETL 8072B TEXACO N402 K17	Honda / Acura	Z-1	Renault	DP-0 Matic D2 SATIF-D
		Hyundai / KIA	ATF Red-1K Genuine ATF JWS-3309 T-4 JWS 3314 P/N 00232-19023 P/N 04500-00140 P/N UM040 CH20 Red-1 SP-II, SP-III	Saab	3309-T-IV ATF HP P/N 93 160 393
				Ssangyong	DSIH 5M-52 DSIH 5M-66
BMW / MINI	ATF 4 ETL-7045/7045E/8072B LA 2634 LT 71141 P/N 81 22 9 400 272/275 P/N 81 22 9 407 858/859 P/N 83 22 0 024 249/359 P/N 83 22 0 026 922 P/N 83 22 0 402 413 P/N 83 22 0 403 248 P/N 83 22 0 403 249 P/N 83 22 7 542 290 P/N 83 22 9 407 765 P/N 83 22 9 407 807	Idemitsu	ATF HP K17	Suzuki	ATF 2236, 2384K, 3314, 3317 ATF 5D06
		Isuzu	ATF II ATF III Genuine ATF P/N 08200-9001	Toyota / Lexus / Scion	Type T Type D-II Type T-III Type T-IV
		Jaguar	JLM 20238 JLM 20292 JLM 21044 K17 LT 71141 WSS-M2C922-A1	Volkswagen / Audi	G 052 025 A2 G 052 055 G 052 162 (-A1, -A2) G 052 990 (A2) G 055 025 (-A2) G US 000 162
Fiat Chrysler Automobiles (FCA)	ATF +, +2, +3, +4 Fiat 9.55550-AV1/AV4 P/N 05127382AA P/N 68333587AA Type 7176E/9602	JAMA	JASO M315 Class 1A	Volvo	P/N 1161521/ 1161621 P/N 1161540 / 1161640
		Land Rover	ATF N402 JWS3309US		
		MAN	339A/D/F	Volvo	P/N 1161521 P/N 1161621 P/N 1161640 P/N 1161540
Mercedes / Daimler	MB 236.10, MB 236.11, MB236.12, MB 236.3, MB 236.5, MB 236.6, MB 236.7, MB 236.8, MB 236.9, MB 236.91	MAZDA	N-1/ S-1/ F-1 JWS 3317 M3 M-5 P/N 0000-23-ATF-M5 M-III Type T-IV, JWS 3309 ATF		
Ford / Lincoln / Mercury	ESP-M2C138-CJ/M2C166-H P/N XT-2-QDX (M) P/N XT-2-QSM (Syn) P/N XT-5-QM or -DM (V) P/N XT-8-QAW (Premium) P/N XT-9-QMM5 (FRN5) WSS-M2C922-A1	Mitsubishi	ATF-J2 Dia Queen AW SP, P/N MS991156 SP-II SP-III	ZF	TE-ML 05L TE-ML 11A TE-ML 11B TE-ML 21L LifeguardFluid 5



**ATF MV+6**  
Low-Vis Multi-Vehicle  
Specification



OEM Application List

OEM / ATF	SUITABLE FOR USE	OEM / ATF	SUITABLE FOR USE
ATF	SHELL 3353 SHELL 134 SHELL M-1375.4/6 SHELL L12108 ZF Lifeguardfluid 6 ZF Lifeguardfluid 8 ZF Lifeguardfluid 9	Hyundai / KIA	NWS-9638 T-5 P/N 040000C90SG SP-IV / SPH-IV SP-IV-RR SP4-M1 WS, spec NWS-9638
		Jaguar	Fluid 8432 02JDE 26444
		Land Rover	LR023288/023289 P/N TYK500050 AW-1, P/N LR0022460: LV
Aisin	AW-2 JWS 3324, ATF-0WS	JAMA	JASO M315, Class 1-A-LV
Bentley	P/N PY112995PA	Maserati	Oil No. 231603
BMW / MINI	ATF 3+, 6, 7 M-L12108 P/N 83 22 0 142 516 P/N 83 22 0 397 114 P/N 83 22 2 152 426 P/N 83 22 2 289 720 P/N 83 22 2 163 514 P/N 83 22 2 305 396/397 P/N 83 22 2 355 599 P/N 83 22 2 355 601 P/N 83 22 2 413 477	MAZDA	ATF FZ ATF 7
		Mitsubishi	ATF-J3 Dia Queen ATF-MA1, P/N MZ320775 Dia Queen ATF-PA, P/N 4030401 SP-IV
		Nissan / Infinity	Matic-P Matic-R Matic-S Matic-W
		Peugeot	PSA 16 350 560 80
		Porsche	P/N 000 043 304 00/01 P/N 000 043 305 43/54 P/N 000 430 306 24 P/N 958 300 540 00
		Saab	P/N 93 165 147 -AW-1
Fiat Chrysler Automobiles (FCA)	8&9 Speed ATF, P/N 68218925AA/AB AW-1, P/N 68092912AA Dex-VI, P/N 68043742AA Fiat 9.55550-AV2 Fiat 9.55550-AV5 Fiat 9.55550-AV6 P/N 05127382 SP-IV, P/N 68171866AA/869AA P/N 68157995AA/AB	Toyota / Lexus / Scion	Scion FZ Type WS (JWS 3324)
Mercedes / Daimler	MB 236.12, MB 236.14, MB 236.15, MB 236.41		
Ford / Lincoln / Mercury	P/N XT-10-QLV (LV) P/N XT-12-ULV (ULV) P/N XT-6-QSP or -DSP (SP)	Volkswagen / Audi	G 052 533 G 053 001 A2 G 055 005 (-A, A2) G 055 054 (A2) G 060 162 (A1, A2, A6)
GM / GMC / Opel / Saturn	AW-1, P/N 19256039 Dex HP (GMW 16974) Dex ULV, P/N 19352619 Dex-VI (GMW 16444) WS, P/N 88863400/401	Volvo	P/N 31256774, 31256775
		ZF	LifeguardFluid 6 (ZF No. S671 090 225) LifeguardFluid 8 (ZF No. S671 090 312) LifeguardFluid 9 (ZF No. AA01.500.001)
Honda / Acura	DW-1 ATF Type 3.0 ATF type 3.1		

# Transmission / Gear Oil Series



## UNIVERSAL CVT

Grade & Specification:

Volkswagen/Audi P/N G052 180(-A2), G052 516 A2  
 Chrysler Mopar CVTF+4, P/N 05191184AA  
 Ford Motorcraft P/N XT-7-QCFT, Spec. WSS-M2C933-A, Ford MERC C, CFT23, CFT30  
 Honda CVTF, P/N 08200-9006, HMMF (without starting clutch)  
 Honda Genuine HFC-2 Transmission fluid P/N 08200-HFC2  
 Mini P/N 83 220 136 376, EZL 799, Mini EZL 799A, ZF CVT V1  
 BMW P/N 83 220 136 376, 83 220 429 154, EZL 799, EZL 799A; Punch EZL 799, EZL 799A  
 Mitsubishi Diamond Queen CVTF-J1, CVTF-J4  
 Nissan CVT fluid NS-1, NS-2, NS-3  
 Dodge/Jeep NS-2, Suzuki NS-2  
 GM CVTF I-Green2, Renault ELFMATIC, Shell Green IV  
 GM DEX-CVT Fluid, Saturn P/N 22688912  
 Toyota Genuine CVT-TC; Suzuki VTF 3320, TC; Daihatsu Ammix CVTF-DTC; Mazda CVTF 3320  
 Toyota Genuine CVT-FE, Daihatsu Ammix CVTF-D FE  
 Subaru CVTF (Lineartronic), P/N K0425Y0710, e-CVTF, i-CVTF, CV-30  
 Subaru High Torque CVT Oil P/N K0421Y0700  
 Subaru CVTF-II for Lineartronic II, P/N K0425Y0711  
 Suzuki CVT Fluid Green 1, CVT Fluid Green 2  
 GM AC Delco CVT Fluid P/N 19260800  
 Hyundai/ Kia (SP-CVT1)

Fully Synthetic



## SYNTHETIC GEAR OIL

Grade & Specification:

SAE 75W-90  
 API GL-5, MT-1  
 Limited Slip  
 Differential (LSD)  
 Performance, Scania  
 STO 110, MACK GO-J  
 SAE J2360

Fully Synthetic



## ATF DEXRON III

Grade & Specification:

DIIIH / M  
 ALLISON C4

Semi Synthetic



## GEAR OIL 80-90

Grade & Specification:

SAE 80W-90  
 API GL-5  
 MIL-L-2105-D,  
 MAN 342 M-1,  
 ZF TE-ML 07A,  
 TE-ML 08

Mineral Base



## GEAR OIL 90

Grade & Specification:

SAE 90  
 API GL-4  
 ZF TE-ML 08

Mineral Base



## GEAR OIL 85-140

Grade & Specification:

SAE 85W-140  
 API GL-5  
 MIL-L-2105D,  
 MAN 342 M-1,  
 ZF TE-ML 07A,  
 ZF TE-ML 08

Mineral Base



## GEAR OIL 140

Grade & Specification:

SAE 140  
 API GL-4  
 ZF TE-ML 08

Mineral Base



# Automatic Scooter Gear Oil



## SCOOTER GEAR OIL

Grade & Specification:

SAE 90  
 EP Performance  
 API GL-5

Mineral Base

# MOS

**MOTOR OIL SPECIALIST**

Distributed by:

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