

enjoy technology

i-Sigma



Eni SpA

Via Laurentina, 449 - 00142 Rome
Contact: lubesapac@eni.com

Authorized Distributor for (Country)

Distributor's logo,
Address, Tel

the complete line of lubricants for your truck
efficiency and reliability in all working conditions



eni

eni.com

i-Sigma



eni R&D laboratories developed a complete line of lubricants for heavy duty vehicles.

High technology research and international standards compliance guarantee strong efficiency and total protection for the engine of your truck.

i-Sigma portfolio not only satisfy the typical requirements of the road haulage sector, but also offer an environmental compatible product for you vehicles.

Tried and tested formulations, reliable technology based on a strong research and a special care for modern engines specifications make i-Sigma series totally comply with emission reducing exhaust gas after-treatment system.

i-Sigma line also offer a range of products designed taking in great consideration fuel economy and environment conditions; i-Sigma lubricants guarantee engine protection even in the most severe weather condition and temperature.



i-Sigma



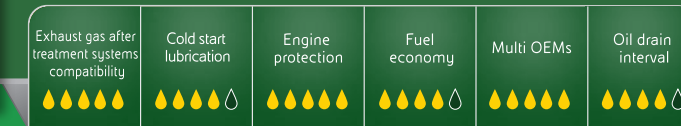
Top Performance HDMO

High technology product line designed to meet all heavy duty vehicle needs, meeting the most stringent performance specifications set by International bodies (API and ACEA) and the top manufacturers in the sector. The line also includes lubricants designed specifically for new generation Euro V engines fitted with exhaust gas after-treatment system that require a special additive formulation to maintain their effectiveness.

Low/Mid SAPS

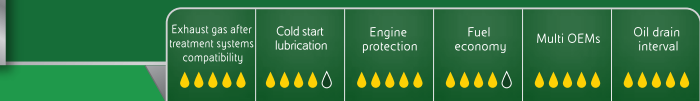
Pro Extra 10W-40

ACEA E9; API CK-4/SN; Caterpillar ECF-3; Cummins CES 20081; Detroit Diesel 93K218; Deutz DQC III-10 LA; MACK EO-O PP• MAN M 3575; MB 228.31; MTU type 2.1; Renault VI RLD-3; Volvo VDS-4



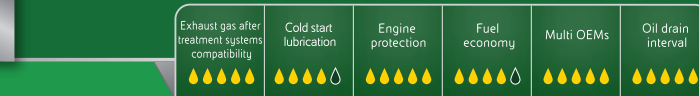
* Special TMS 10W-40

ACEA E6, E7, E9; API CI-4; Cummins CES 20076, 20077; Deutz DQC IV-10 LA; MTU type 3.1; MACK EO-N (Approved) ; MAN M 3477, 3271-1 (Approved) ; MB-Approval 228.51; Renault VI RLD-2 (Approved) ; Volvo VDS-3 (Approved)



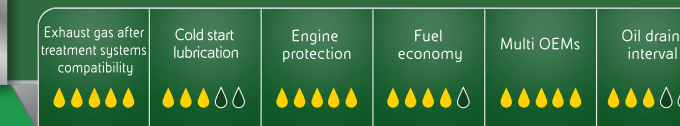
* Top MS 10W-40

ACEA E6, E7, E9; API CK-4; Caterpillar ECF-2, ECF-3; Cummins CES 20081; Detroit Diesel 93K218; Deutz DQC IV-10 LA; JASO DH-2-17; MAN M 3271-1; MACK EO-O PP (Approved); MAN; M 3477 (Approved); MB-Approval 228.51; MTU type 3.1 (Approved); Renault VI RLD-3 (Approved); Scania Low Ash (Feedback); Volvo VDS-4 (Approved)



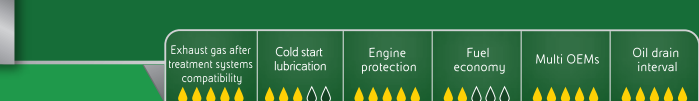
MS Tec 15W-40

API CK-4/SN; ACEA E9; MB 228.31; Caterpillar ECF-3; Cummins CES 20081; Detroit Diesel 93K218; Deutz DQC III-10 LA; Ford WSS-M2C171-F1; MACK EO-O PP; MAN M 3575; MTU type 2.1; Renault RVI RLD-3; Volvo VDS-4



* Top MS 15W-40

ACEA E7, E9; API CK-4; API CI-4/SN; Allison TES 439; Caterpillar ECF-1a, ECF-2, ECF-3; Cummins CES 20086; Detroit Diesel 93K222; Ford WSS-M2C171-F1; JASO DH-2-17; MAN M 3575; Deutz DQC III-10 LA (Approved); MACK EO-S-4.5 (Approved); MAN M 3775 (Approved); MB-Approval 228.31; MTU type 2.1 (Approved); Renault VI RLD-3 (Approved); Volvo VDS-4.5 (Approved)



*Italian Product

Full SAPS

* Performance CMS 15W-40

ACEA E7, E5, E3, B3; API CI-4/SL; Caterpillar ECF-1a, ECF-2; Deutz DQC III-10; MACK EO-N; MAN M 3275-1; MB 228.3; MTU type 2; Renault VI RLD-2; Volvo VDS-3; Cummins CES 20078 (Approved)

Exhaust gas after treatment systems compatibility	Cold start lubrication	Engine protection	Fuel economy	Multi OEMs	Oil drain interval
⬇️⬇️⬇️	⬆️⬆️⬆️	⬆️⬆️⬆️	⬆️⬆️⬆️	⬆️⬆️⬆️	⬆️⬆️⬆️

* Performance E3 15W-40

API CG-4; ACEA E3; MB 228.1; MAN B 3275-1; MTy Type2

Exhaust gas after treatment systems compatibility	Cold start lubrication	Engine protection	Fuel economy	Multi OEMs	Oil drain interval
—	⬆️⬆️⬆️	⬆️⬆️⬆️	⬆️⬆️⬆️	⬆️⬆️⬆️	⬆️⬆️⬆️

* Performance E7 15W-40

ACEA E7, E5, E3, B3; API CI-4/CH-4/SL; Caterpillar ECF-1a, ECF-2; Deutz DQC III-10 (Approved); MACK EO-N (Approved); MAN M 3275-1 (Approved); MB-Approval 228.3; MTU type 2 (Approved); Renault VI RLD-2 (Approved); Volvo VDS-3 (Approved)

Exhaust gas after treatment systems compatibility	Cold start lubrication	Engine protection	Fuel economy	Multi OEMs	Oil drain interval
—	⬆️⬆️⬆️	⬆️⬆️⬆️	⬆️⬆️⬆️	⬆️⬆️⬆️	⬆️⬆️⬆️

Super Fleet 15W-40

API CI-4/SL; ACEA E7; Caterpillar ECF-1a, ECF-2; Cummins CES 20076, 20077, 20078; Detroit Diesel 93K215; Deutz DQC III-10; JASO DH-1; MACK EO-M, EO-M PLUS; MACK EO-N; MAN M 3275; MB 228.3; MTU type 2; Renault RVI RLD-2; Volvo VDS-3

Exhaust gas after treatment systems compatibility	Cold start lubrication	Engine protection	Fuel economy	Multi OEMs	Oil drain interval
—	⬆️⬆️⬆️	⬆️⬆️⬆️	⬆️⬆️⬆️	⬆️⬆️⬆️	⬆️⬆️⬆️

Super Tec 15W-40

API CG-4/SG, ACEA E3, MAN 3275-1 ALLISON C4, MTU type 2, MB 228.1, MACK EO-K2 level

Exhaust gas after treatment systems compatibility	Cold start lubrication	Engine protection	Fuel economy	Multi OEMs	Oil drain interval
⬆️⬆️⬆️	⬆️⬆️⬆️	⬆️⬆️⬆️	⬆️⬆️⬆️	⬆️⬆️⬆️	⬆️⬆️⬆️

Super Fleet 15W-50

API CI-4; Caterpillar ECF-1a, ECF-2; Cummins CES 20078; MAN M 3377; MB 228.3; MTU type 3; Renault RVI RLD-2; Volvo VDS-2

Exhaust gas after treatment systems compatibility	Cold start lubrication	Engine protection	Fuel economy	Multi OEMs	Oil drain interval
—	⬆️⬆️⬆️	⬆️⬆️⬆️	⬆️⬆️⬆️	⬆️⬆️⬆️	⬆️⬆️⬆️

* Performance E3 20W-50

ACEA E3; API CG-4; MB 228.1; MTU type 2

Exhaust gas after treatment systems compatibility	Cold start lubrication	Engine protection	Fuel economy	Multi OEMs	Oil drain interval
—	⬆️⬆️⬆️	⬆️⬆️⬆️	⬆️⬆️⬆️	⬆️⬆️⬆️	⬆️⬆️⬆️

Super Tec 20W-50

API CG-4/SJ; ACEA E3; MAN 3275; MB 228.1; MTU type 2; Renault RVI RD

Exhaust gas after treatment systems compatibility	Cold start lubrication	Engine protection	Fuel economy	Multi OEMs	Oil drain interval
⬆️⬆️⬆️	⬆️⬆️⬆️	⬆️⬆️⬆️	⬆️⬆️⬆️	⬆️⬆️⬆️	⬆️⬆️⬆️

*Italian Product



Universal

* Universal DL 15W-40

ACEA E2, B2; API CF-4/SG; Allison C-4; MAN M 271; MB 228.1; VW 505 00

Exhaust gas after treatment systems compatibility	Cold start lubrication	Engine protection	Fuel economy	Multi OEMs	Oil drain interval
—	⬆️⬆️⬆️	⬆️⬆️⬆️	⬆️⬆️⬆️	⬆️⬆️⬆️	⬆️⬆️⬆️

* Monograde 40

API CF/SJ; MIL-L-2104 D; MIL-L-46152 C

Exhaust gas after treatment systems compatibility	Cold start lubrication	Engine protection	Fuel economy	Multi OEMs	Oil drain interval
—	⬆️⬆️⬆️	⬆️⬆️⬆️	⬆️⬆️⬆️	⬆️⬆️⬆️	⬆️⬆️⬆️

Pro Gamma SAE 40

API CF-4/SJ

Exhaust gas after treatment systems compatibility	Cold start lubrication	Engine protection	Fuel economy	Multi OEMs	Oil drain interval
—	⬆️⬆️⬆️	⬆️⬆️⬆️	⬆️⬆️⬆️	⬆️⬆️⬆️	⬆️⬆️⬆️

*Italian Product



Transmission Oils & Coolants

High-performance line for conventional engines providing excellent reliability and cleaning of mechanical parts. Permits application of optimum oil drain intervals and, like all eni lubricants, guarantees high level of engine protection and extended service life.

Top Synthetic

Rotra Multigear 75W-80

API GL-4; ZF TE-ML 01L, 02L, 16K (Approved); ZF TE-ML 08, 13, 24A quality; MAN 341 type Z4(Aproved); Volvo 97307 (Approved); IVECO; Renault Note Technique B0032/2 Annex 3; DAF; Eaton PS-321

Rotra Gear EP Tec 85W-140

API GL-5; ZF TE-ML 07A, 08

Rotra MP 85W-140

API GL-5; MIL-L-2015D; GB13895-2018

Top Synthetic

Rotra LSX 75W-90

API GL-4 + GL-5; API MT-1; MB-Approval 235.8; MAN 341 type Z2 (Approved); MAN 342 type S1 (Approved); Scania STO 2:0 A FS (Feedback); SAE J 2360 (ex MIL-PRF-2105E); MACK GO-J; Volvo 97312; ZF TE-ML 02B, 05A, 12L, 12N, 16F, 17B, 19C, 21A (Approved)

Antifreeze Extra

Formulated with inorganic inhibitors. Color: Turquoise
ASTM D 3306; CUNA NC 956-16 (ed.'12); AFNOR NFR15-601; JISK 2234:2006

Rotra Gear EP Tec 80W-90

API GL-5; ZF TE-ML 07A, 08

Antifreeze Ready

Formulated with organic acids and mineral inhibitors (hybrid technology). Color: Turquoise
ASTM D 3306; CUNA NC 956-16 (ed.'12); JIS K 2234:2006

Rotra MP 80W-90

API GL-5; MIL L 2105 D; MAN 342 type M1; MAN 342 type M2 (Approved); ZF TE-ML 05A, 12E (Approved); ZF TE-ML 16B, 17B, 19B, 21A (Approved); ZF TE-ML 07A, 08

Antifreeze Spezial

Formulated with organic corrosion inhibitors (OAT technology). Color: Red
VW TL 774D / F (G12/G12+); ASTM D 3306; CUNA NC 956-16 (ed.'12); MB 325.3; Ford WSS-M97B44-D; MAN 324 type SNF; AFNOR NFR 15-601; JIS K 2234:2006

1L

4L

5L

20L
JERRY
CAN

18L/
20L
PAIL

200L/
208L
DRUM

205L
DRUM

Low/Mid SAPS

Full SAPS

Universal

Transmission Oils

Coolants

E0285	Pro Extra 10W-40		●			●	●	
1013	Special TMS 10W-40				●			●
1066	Top MS 10W-40				●			●
E0287	MS Tec 15W-40		●		●		●	
1064	Top MS 15W-40				●			●
1071	Performance CMS 15W-40		●		●			●
1082	Performance E3 15W-40		●		●			●
1080	Performance E7 15W-40		●		●			●
E0094	Super Fleet 15W-40		●		●		●	
E0095	Super Tec 15W-40		●		●		●	
E0297	Super Fleet 15W-50		●		●		●	
1096	Performance E3 20W-50		●		●			●
E0096	Super Tec 20W- 50		●		●		●	
1083	Universal DL 15W-40				●			●
1089	Monograde 40				●			●
E0085	Pro Gamma SAE 40		●			●	●	
5556	Rotra Multigear 75W-80				●		●	●
1290	Rotra LSX 75W-90	●			●		●	●
E0109	Rotra Gear EP Tec 80W-90	●	●			●	●	●
1275	Rotra MP 80W-90	●	●		●		●	●
E0110	Rotra Gear EP Tec 85W-140	●	●			●	●	●
1276	Rotra MP 85W-140	●	●		●		●	●
1609	Antifreeze Extra	●			●		●	
1611	Antifreeze Ready	●					●	
5177	Antifreeze Spezial 200KG FS	●			●		●	

Packaging Availability

Other Recommendation of Singapore Products



Product Code	Product Name	Technology	Specifications
E0101	i-Sigma Pro MS 5W-30	Fully Synthetic with PAO	API CJ4/SN, ACEA E9, CAT ECF-3, Cummins: CES 20081, Detroit Diesel DFS 93K218, Mack EO-O PP, MB 228.31, MAN M 3575, MTU TyPe 2.1, RENAULT VI RLD-3, Volvo VDS-4
E0284	i-Sigma Pro MS 10W-30	Fully Synthetic	API CK-4, ACEA E9, MB 228.31, CAT ECF-3, CUMMINS CES 20081, Detroit Diesel DDC 93K218, Deutz DQC III 10LA, Ford WSS-O M2C171-F1, MACK EO-O PP, MAN M3575, MTU Type 2.1, Renault VI RLD-3, VOLVO VDS-4
E0240	i-Sigma Pro MS 10W-40	Fully Synthetic	API CJ-4, ACAE E4, E6, E7, E9, CUMMINS CES 20081, Caterpillar EC F-3, Detroit Diesel DFS93K218, Deutz DQCIV-10 LAJASO DH-2-15, MAN M3575 M3477, M3271-1, MB 228.51 MTU Type 3.1, Mack EO-O-PP, Renault VI RLD3, Scania Low Ash, Volvo VD S-4

E0083	i-Sigma Pro Extra 10W-30	Synthetic Technology	API CK-4, ACEA E9, MTU type 2.1, Renault RVI RLD-3, Volvo VDS-4
E0286	i-Sigma Universal Fleet 10W-40	Synthetic Technology	APICI-4, ACEA A3/B3, A3/B4, ACEA E7, Allison C-4, Cummins CES 20077/78, Detroit Diesel DDC 93k215, DEUTZ DQC IV-10 LA, Global DHD-1, JASO DH-1, M3257-1, Mack EO-N, MB 228.3, MB 229.1, MB235.27, MTU Type 2, Renault VI RLD-2, VOITH A, Volvo VDS-3
E0269	i-Sigma CH-4 15W-40	Synthetic Technology	API CH-4/SL, ACEA E7, MB 228.3, Cummins CES 20077/CES 20078, MAN 3275, VOLVO VDS-3
E0084	i-Sigma Pro Extra 15W-40	Synthetic Technology	API CI-4/SL, ACEA E7, MB 228.3, Caterpillar ECF-1a, ECF-2, Cummins CES 20077, CES 20078, DETROIT DIESEL DDC 93K215, Deutz DQC III-10, Global DHD-1, JASO DH-1, MACK EO-M-Plus, MACK EO-N, MAN 3275, MTU type 2, Renault RVI RLD-2, Volvo VDS-3

E0298	i-Sigma Professional 15W-40	Mineral	API CI-4/SL
E0270	i-Sigma CH-4 20W-50	Mineral	API CH-4, ACEA E7, Caterpillar ECF-1A, MACK EO-M PLUS, MB 228.3, Renault RVI RD, VOLVO VDS-2
E0279	i-Sigma Super Fleet 20W-50	Mineral	API CI-4/SL, ACEA E7, MB 228.3, Caterpillar ECF 1a, MAN 3275

E0117	Rotra Sint Tec LS 75W-90	Fully Synthetic	API GL-4 + GL-5 API MT-1 SAE J 2360 (ex MIL-PRF-2105E) Scania STO 2:0 A FS MB 235.8 MAN 341 type Z2 MAN 342 type M3 MAN 342 type S1 ZF TE-ML 02B, 05A, 07A, 08, 12B, 12L, 12N, 16F, 17B, 19C, 21A quality DAF IVECO MACK GO-J DFS93K219.01 MERITOR 076-N Renault Volvo 97312
E0124	Rotra Tec LS 85W-90	Mineral	API GL-5 (limited slip); API MT-1, SAE J 2360; Mack GO-J; Meritor 0-76D; Ford WSP-M2C197A; ZF TE ML-07 A & ML-08
E0121	Rotra Tec HY 80W-90	Mineral	API GL-4; MB 235.1; MAN 341 type E1, Z2; ZF TE-ML 02B, 06L, 08, 16A, 17A, 19A, 19C
E0122	Rotra Tec HY 85W-140	Mineral	API GL-4; MB 235.1; MAN 341 type E1, Z2; ZF TE-ML 02B, 06L, 08, 16A, 17A, 19A, 19C
E0125	Rotra Tec MP 80W-90	Mineral	API GL-5; MB235.0; MAN 342 TYPE N (M1); MIL-L-2105 D LEVEL, ZF TE-ML 05A, 16B, 17B, 19B, 21A
E0126	Rotra Tec MP 85W-140	Mineral	API GL-5; ZF TE-ML 07A, 08, 16C, 21A quality; MB 235.0; MAN 342 type N (M1); DAF; Renault; Voith 3.325-339; Volvo 97310/97317