



# OILS AND GREASES FOR TRUCKS



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# ENGINE OILS

## MOGUL DIESEL L-SAPS 5W-30

- ✓ SAE: 5W-30
- API CJ-4/SN
- TBN: 12,5
- ACEA E6/E7/E9
- MB 228.31/228.51, MAN M3677/3477/3271-1, CAT ECF-3, Volvo VDS-3/VDS-4, Renault RGD/RXD, MTU Type 3.1, Cummins CES 20081, Deutz DQC IV-10 LA, JASO DH-2



## MOGUL DIESEL L-SAPS 10W-30

- ✓ SAE: 10W-30
- API CJ-4/SM
- TBN: 10,0
- ACEA E6/E9
- MAN 3575, MTU Type 2.1, Cummins CES 20091, Caterpillar ECF-1a/ECF-3, Detroit Diesel 93K218, Renault VI RLD-3, Mack E0-0 Premium plus



## MOGUL DIESEL L-SAPS 10W-40

- ✓ SAE: 10W-40
- API CI-4
- TBN: 10,0
- ACEA E6/E7
- MAN M3477/3271-1, DAF, Volvo VDS-3, MTU Type 3.1, Mack EO-N, MB-Approval 228.51, Deutz DQC-III-10 LA, Cummins CES 20076/77, Renault RVI RLD-2



## MOGUL DIESEL L-SAPS 15W-40

- ✓ SAE: 15W-40
- API CJ-4/SM
- TBN: 9,5
- ACEA E6/E9
- MAN 3575, MTU Type 2.1, Cummins CES 20091, Caterpillar ECF-1a/ECF-3, Detroit Diesel 93K218, Renault VI RLD-3, Mack E0-0 Premium plus, Volvo VDS-4, MB-Approval 228.31



## MOGUL DIESEL ULTRA

- ✓ SAE: 5W-30
- API CI-4/SM
- TBN: 12,0
- ACEA E4/E7
- MAN M3277, Renault RVI RXD, RLD, RD-2, MTU Type 3, DAF extended drain, MB-Approval 228.5, Volvo VDS-3, Mack EO-N, Renault VI RLD-2

## MOGUL DIESEL DTT PLUS

- ✓ SAE: 10W-40
- API CI-4
- TBN: 12,5
- ACEA E4/E7
- MAN M3277, Volvo VDs-3, Scania LDF-2, Tatra TDS 30/12, DAFA Extended Drain, MTU Type 3, Renault RXD, RLD-2, Cummins CES 20077/78, MB-Approval 228.5, ZETOR,

## MOGUL DIESEL DTT EXTRA

- ✓ SAE: 15W-40
- API CI-4/SL
- TBN: 9,5
- ACEA E3/E5/E7/B3/B4/A3
- MAN M3275-1, Cummins CES 20076/77/78, Cat ECF 1a, ECF 2, MB 228.3, MB 229.1, Iveco, Deutz DQC-II-05, Scania (EURO III a IV ; 60 000km), DAF EUR 3, Volvo VDS-3, Mack EO-M Plus, Detroit Diesel 7SE 270, VW 505.00, Renault Vi RLD-2, MTU Type 2, MACK EO-N, Tedom 258.3, Avia 712, D407/421.76/421.85

## MOGUL OPTIMAL

- ✓ SAE: 10W-40
- API CI-4
- TBN: 11,0
- ACEA E7, A3/B3/B4
- MAN M3275-1, GLOBAL DH-1, Volvo VDS-3, MB 228.3, MB 229.1, Renault Truck RLD-2, MTU Type 2, Scania LDF-2, JASO DH-1, DEUTZ DQC III-10

# HYDRAULIC OILS

## MOGUL HV

- ✓ ISO VG: 32, 46, 68
- ISO 6743/4 HV
- DIN 51524-3 HVLP
- DIN 51502 H
- HV: Hydraulic oils with high viscosity index

## MOGUL HM ZF

- ✓ ISO VG: 32, 46, 68
- ISO 6743/4 HM
- DIN 51524-2 HLP | DIN 51517-3 CLP
- Müller-Weingarten
- HM ZF: Hydraulic oils with zinc-free additives

# GEAR OILS

## MOGUL SYNTRANS 75W-90 PLUS

- ✓ SAE: 75W-90
- API GL-4, GL-5, MT-1
- MAN M3343 S, MB 235.8, Scania ST01:0, ZF TE-ML 02B, 05B, 12B, 16F, 17B, 19C, 21B

## MOGUL TRANS 80W-90 PLUS

- ✓ SAE: 80W-90
- API GL-4, GL-5, MT-1
- MAN 3343M, Scania STO 1:0, Daimler 235.0, Iveco Axle, DAF Transmission Axle, Renault Axle, ZF TE-ML 02B, 05A, 07A, 12E, 16B/C/D, 17B, 19B, 21A

## MOGUL TRANS ATF D III

- ✓ GM Dexron III H
- Allisom C-4/TES 389, Ford Mercon, Ford M2C 138-J, 166-H, Caterpillar TO-2, Voith 55.6335, 55.6336, MB 236.1, 236.5, 236.6, 236.7, MAN 339 TypZ-1, V1, V2, Chrysler MS-9602, MS-7176, Volvo 97340, 97341, ZF TE-ML 02F, 04D, 09, 11A, 14A, 17C

## MOGUL TRANS LS 80W-90H

- ✓ SAE: 80W-90
- API GL-5
- ZF TE-ML 05C, 12C, 21C
- LS: suitable for self-locking differentials

# GREASES

## MOGUL CALSUL 2 WR

- ✓ ISO 6743 BDIB 2
- DIN 51502 KP2N-25
- Calcium-sulfonate complex
- Temperature range (-20 °C to 180 °C)
- Viscosity of base oil at 40 °C (200 mm<sup>2</sup>/s)
- High resistance to water washout

## MOGUL LC 2

- ✓ ISO 6743 BEEB 2
- DIN 51502 KP2N-25
- Lithium complex
- Temperature range (-20 °C to 180 °C)
- Viscosity of base oil at 40 °C (175 mm<sup>2</sup>/s)