



Delo® 400 MGX SAE 15W-40 is an API CJ-4 heavy duty diesel engine oil specifically formulated for on-highway and off-highway applications and can also provide protection for newer compliant low emission diesel engines with Selective Catalytic Reduction (SCR), Diesel Particulate Filter (DPF) and Exhaust Gas Recirculation (EGR). It is fully compatible with previous diesel engine models and previous API Oil Service Categories including API CI-4 PLUS, API CI-4 and API CH-4.

Delo 400 MGX is formulated with ISOSYN® base oils and the latest low-ash additive technology to provide effectivesoot dispersancy, deposit control and wear protection.

### APPLICATIONS

Delo 400 MGX SAE 15W-40 is recommended for naturally aspirated and turbocharged four-stroke diesel engines in which the API CJ-4, CI-4 PLUS, CI-4 categories and SAE 15W-40 viscosity grade are required by the manufacturers. It is formulated for engines operating under severe service and a wide range of climatic conditions. This product is recommended for use in:

- Commercial road transport, including engines fitted with exhaust cleanup devices of all types.
- Vehicles meeting exhaust emissions standards, including US EPA 2002 and 2007, Euro IV, V and VI, and Australian ADR 80/02 (for medium duty) and ADR 80/03 (for heavy duty).
- Mixed fleets of both diesel and gasoline engines, and both old and new equipment.
- Stop-and-go vehicles in high soot loading service such as buses and waste collection trucks.
- Most modern off-highway engines including those adapted for current and future emissions standards in construction, agriculture, marine and mining applications.
- High speed diesel engines using high (up to 2000 ppm) or low sulfur diesel fuels.
- Diesel engines utilizing diesel fuels with up to 20% biodiesel (B20)

### BENEFITS

- **Minimizes fleet maintenance costs**  
Effective soot dispersancy and wear control. Cylinders, pistons, rings, and injectors are well protected against wear and corrosion, providing optimum service life and minimal maintenance. Contributes to maximum vehicle utilization and minimal downtime.
- **Effective emission control system life**  
Provides optimum Diesel Particulate Filter (DPF) life for minimal downtime and cleaning, thus managing maintenance costs.
- **Managed inventory costs**  
Backward compatible with previous API Oil Service Categories. Suitable for use in four-stroke gasoline and naturally aspirated turbocharged and modern electronically controlled/low emission diesel engines calling for an SAE 15W-40 heavy duty engine oil. Allows users with a wide mix of engine brands to enjoy simplified inventory and dispensing systems that may contribute to saving money, space and handling time.



**PERFORMANCE STANDARDS**

Approvals:

API	CJ-4, CI-4 Plus, CI-4 / SM
Cummins	CES 20081
Daimler	MB-Approval 228.31
Detroit Diesel	DDC Power Guard 93K218
Deutz	DQC III-10 LA
Mack Trucks	EO-O Premium Plus
MAN Truck & Bus	M3575
MTU	Category 2.1
Renault Trucks	RLD-3
Volvo	VDS-4
ZF	TE-ML 04C

Meets the requirements of:

API	CH-4
ACEA	E9, E7
Caterpillar	ECF-3, ECF-2
Ford	WSS-M2C171-E
JASO	DH-2

**TYPICAL CHARACTERISTICS**

Product Code	3429
SAE Grade	15W-40
Density at 15°C, kg/L	0.88
Base No., D2896, mg KOH/g	10.1
Phosphorus, m%	0.12
Sulfated Ash, m%	1.0
Viscosity, mm <sup>2</sup> /s at 40°C	110
100°C	14.4
Viscosity Index	134
Zinc, m%	0.13

**PACK SIZES**

Bulk, 1000L, 205L, 20L, 5L, 1L



#### **ENVIRONMENT, HEALTH AND SAFETY**

Users should consult the MSDS, follow the precautions outlined and comply with all laws and regulations concerning its use and disposal. Used packaging material should not be incinerated or exposed to flame. After use, protect your environment. Do not pollute drains, soil or water with used product.

#### **OTHER INFORMATION**

For further information on Caltex products and services call the Technical Solutions on 1300 364 169.

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