

## **Heavy-Duty Monograde Diesel Engine Oil**



## Product description

Monograde heavy-duty diesel engine oil designed to lubricate engines requiring API CF / SF performance lubricants. The level of alkaline reserve makes it suitable for use with high sulfur fuels at appropriate oil drain intervals.

# Customer benefits and product features

### **Customer benefits**

### Helps save on maintenance

Proven metallo-organic anti-wear additive system helps resist wear by forming a protective layer on contact surfaces under all service conditions.

## Helps prolong periods between overhauls

Metallic detergent and ashless dispersant additive system helps resist the formation of high temperature deposits in diesel engines. Good oxidation stability helps resist oil degradation and helps protect against oil thickening, and oil line and filter plugging.

#### Helps preserve power and performance

Metallic detergent and ashless dispersant additive system helps preserve power and performance by providing good control of high-temperature piston and ring deposits.

# Delo® Silver

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## **Applications**

Suitable for the following applications whenever the manufacturer recommends monogrades:

- Mixed fleets of diesel engines (high-speed, four-stroke, turbocharged or naturally aspirated)
- · Gasoline engines (four-stroke) in mixed fleets of both diesel and gasoline engines
- Commercial road transport
- Off-highway vehicles
- Agricultural tractors
- High speed diesel engines in marine service (e.g., fishing boats, river transport)
- · Generator sets
- Mobile hydraulic systems (where oil type and viscosity are appropriate)

## Product approvals, performance and recommendations

### Meets the Requirements of

API CF, CD / SF



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## Typical test data

DELO SILVER	TEST METHOD	RESULT			
SAE Grade		10W	30	40	50
Product Code		500585	500587	500588	500589
Base No, mg KOH/g	ASTM D2896	9.6	9.6	9.6	9.6
Base No, mg KOH/g	ASTM D4739	9.3	9.3	9.3	9.3
Sulfated Ash, m %	ASTM D874	1.1	1.2	1.2	1.2
Viscosity,					
mm²/s @ 100°C	ASTM D445	6.5	11.5	14.4	19.1
Viscosity Index	ASTM D2270	110	97	97	97
Zinc, m %	ICP	0.12	0.10	0.10	0.10

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ENVIRONMENT, HEALTH, and SAFETY. Information is available on this product in the Material Safety Data Sheet (MSDS) and Customer Safety Guide. Customers are encouraged to review this information, follow precautions, and comply with laws and regulations concerning product use and disposal. To obtain a MSDS for this product, visit the Product Information Center.

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