

### Product description

Valor 300 are monograde, heavy-duty diesel engine oils designed to lubricate diesel engines requiring API CD performance lubricants. The level of alkaline reserve makes it suitable for use with high sulfur fuels at appropriate oil drain intervals.

### Customer benefits

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- **Protection for diesel engines**  
Metallo-organic anti-wear additive system forms a protective layer on contact surfaces to reduce wear. Effective corrosion inhibitors protect against corrosive attack on bearings and other engine components.
- **Dependable diesel performance**  
Effective combination of detergent and dispersant additives helps maintain power and performance by resisting piston and ring deposits under high temperature conditions.
- **Reduce maintenance costs**  
Good oxidation stability resists oil degradation and protects against oil thickening, and oil line and filter plugging.

#### Product features

- Protection for diesel engines
- Dependable diesel performance
- Reduce maintenance costs.

# Valor<sup>®</sup> 300

## Heavy-Duty Monograde Diesel Engine Oil



### Applications

The following applications whenever the manufacturer recommends monogrades:

- Diesel engines (high-speed, four-stroke, turbocharged or naturally aspirated)
- Commercial road transport
- Off-highway vehicles
- Agricultural tractors
- High speed diesel engines in marine service (e.g., fishing boats, river transport)
- Generator sets

### Product approvals, performance, and recommendations

#### Performance standards

- API CD

### Typical Test Data

VALOR 300	RESULTS			
SAE Grade	10W	30	40	50
Product Code	500812	500814	500815	500816
Kinematic Viscosity,				
mm <sup>2</sup> /s @ 100°C	6.3	11.5	14.5	19.1
mm <sup>2</sup> /s @ 40°C	39	102	150	233
Viscosity Index	110	99	94	92
Base No., D2896, mg KOH/g	9.3	9.3	9.3	9.3
Zinc, m %	0.04	0.04	0.04	0.04
Calcium, m %	0.34	0.34	0.34	0.34

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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