# **Super Diesel Oil Multigrade**

**Heavy Duty Diesel Engine Oil** 



### Product description

**Super Diesel Oil (CF) Multigrade** is a heavy-duty diesel engine oil specifically designed to lubricate turbocharged and naturally aspirated diesel engines that require API CF performance lubricants in price sensitive markets or in conditions that require frequent oil changes.

### Customer benefits

#### Good protection for diesel engines

Proven metallo-organic anti-wear additive system forms a protective layer on contact surfaces to resist wear. Multigrade viscosity provides additional protection against wear by ensuring rapid oil circulation at start-up, and by maintaining oil film thickness in the high-temperature ring belt area.

#### • Dependable diesel performance

Special combination of detergent and dispersant additives maintains power and performance by resisting piston and ring deposits under high temperature conditions.

#### Long periods between overhauls

Good oxidation stability resists oil degradation and protects against oil thickening, and oil line and filter plugging.

#### **Applications**

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

## Approvals, performance and recommendations

#### Performance standards:

API CF/SF

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#### Typical test data

SUPER DIESEL OIL MULTIGRADE			
SAE Grade		15W-40	20W-50
Product Code		579109	500380
Base No., mg KOH/g	ASTM D2896	6.6	6.6
Base No., mg KOH/g	ASTM D4739	6	6
Sulfated Ash, m %	ASTM D874	0.84	0.84
Kinematic Viscosity,			
mm <sup>2</sup> /s at 40°C	ASTM D445	117	167
mm <sup>2</sup> /s at 100°C	ASTM D445	15.1	19.2
Viscosity Index	ASTM D2270	134	131
Density @ 15°C, kg/l	ASTM D4052	0.87	0.873

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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 <u>Product Information Center</u>.

This Product Data Sheet (PDS) was produced for the Asia Pacific region based on the best available information at the time of issue. The specific information included may not directly reflect the market or conditions, and may vary. For the most up-to-date, country-specific information, please contact your local customer service center.

