

## D3000

HIGH PERFORMANCE  
HEAVY DUTY TURBO  
DIESEL ENGINE OIL

**MaxPro1 D3000** Multi-grade is a range of high performance engine oils specifically formulated for the severe requirements of both gasoline and diesel engines (including turbo-charged engines). It is based on high quality mineral base stocks and advance additive technology providing superior dispersancy/detergency, wear and oxidation resistance properties.

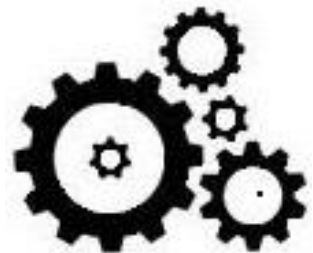
The multi-grade: SAE 20W50 and 15W40 meets or exceeds the demanding performance requirements of API CF-4 for diesel service and API SG for petrol service.

### APPLICATIONS

**MaxPro1 D3000** is primarily designed to meet the demanding requirements of turbocharged and naturally aspirated diesel engines, operating under a wide range of service conditions. Its high specifications also enable it to be used in four-stroke petrol engines. It is suitable for combined fleet applications, where equipment may consist of different makes, and may range from heavy duty trucks, buses, off-road equipment to light commercials and passenger cars.

### FEATURES AND BENEFITS

- Excellent engine deposit and sludge control
- Superior oxidation and oil thickening control
- Superb detergent-dispersant characteristics.
- Excellent anti-corrosion and anti-rust properties.
- Prolongs engine life and improves running efficiency



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### PERFORMANCE LEVEL

It meets the performance requirements of:

- API CF-4/SG
- MIL-L-2104D
- MB-Approval 227.0/227.1
- ACEA E1-96

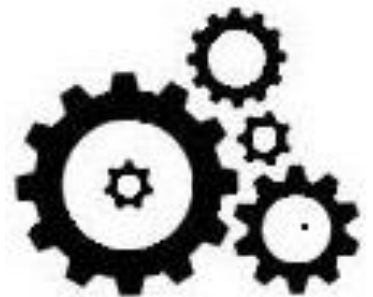
### TYPICAL PHYSICAL CHARACTERISTICS

SAE grade	Test Method	15W-40	20W-50
Product Code		<b>2070</b>	<b>2071</b>
Density@ 15°C , kg/l	ASTM D1298	0.8685	0.8721
Viscosity, kinematic	ASTM D1500		
at 40°C , cSt	ASTM D445	110.1	167.4
at 100°C , cSt	ASTM D445	14.52	19.12
Viscosity Index	ASTM D2270	135	130
Flash point, COC, °C	ASTM D92	>230	>230
Pour point , °C	ASTM D97	-24	-21
TBN , mg KOH/g	ASTM D2890	10.3	10.3

The information provided is to our best knowledge, true & accurate, subjected to change without notification due to continual product research and development.

### Available Size & Part Number

	18L	200L
D3000 SAE 15W-40	2070-18	2070-200
D3000 SAE 20W-50	2071-18	2071-200



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**MaxPro1 D3000** Monograde is a top tier universal mixed fleet oil for all turbo-charged and natural aspirated diesel engines from trucks, busses and machines working under moderate to severe conditions, for which extended drain periods are required.

**MaxPro1 D3000** Monograde engine oils are formulated with high quality mineral base stocks and advanced additives technology, to provide excellent wear protection, to minimize the formation of sludge and varnish, to protect against rust and bearing corrosion, and to resist foaming.

## APPLICATIONS

**Monograde 10W** is recommended for hydraulic systems of civil engineering and construction equipment.

**Monograde 30** is recommended for on-highway trucks, off-road construction and civil engineering equipment, light commercial diesel engines.

**Monograde 40** is recommended for on-highway trucks, off-road construction, civil engineering and mining equipment, commercial vehicle diesel engines.

**Monograde 50** is recommended for use in Fuller synchromesh gearboxes in commercial vehicles.

## FEATURES AND BENEFITS

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- Superior oxidation and oil thickening control
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### PERFORMANCE LEVEL

It meets the performance requirements of:

- API CF / SF
- ACEA E2

### TYPICAL PHYSICAL CHARACTERISTICS

SAE Grade	10W	30	40	50
Product Code	<b>2074</b>	<b>2075</b>	<b>2076</b>	<b>2077</b>
Specific Gravity @ 15°C	0.872	0.879	0.88	0.887
Color, ASTM D1500	L 2.5	L3.5	L4.0	L4.0
Flash Point (PMCC), °C	>194	>194	>205	>205
Pour Point, °C	-30	-12	-12	-12
Viscosity, Kinematic				
cSt @ 100°C	7.5	11	14.5	20
Viscosity Index	Min 100	Min 98	Min 98	Min 98
Total Base Number (TBN), ASTM D2896	7.5	8.1	8.1	8.1

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### Available Size & Part Number

	4L	5L	18L	200L
<b>D3000 SAE 10W</b>			<b>2074-18</b>	<b>2074-200</b>
<b>D3000 SAE 30</b>			<b>2075-18</b>	<b>2075-200</b>
<b>D3000 SAE 40</b>			<b>2076-18</b>	<b>2076-200</b>
<b>D3000 SAE 50</b>			<b>2077-18</b>	<b>2077-200</b>



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