

**MaxPro1 D7000** premium heavy-duty engine oils are formulated from superior hydrocracked base stocks and a high technology core additive package to provide exceptional soot dispersancy, deposit control and wear protection. These high-performance oils are designed to lubricate a wide range of diesel and gasoline engines. They meet the market needs for more environmental protection and longer overhaul period.

**MaxPro1 D7000** series is developed to meet year 2004 exhaust emission standards for high-speed, four-stroke engines. The products are better able to sustain engine durability where exhaust gas recirculation (EGR) is used and are intended for use with diesel fuels ranging in sulphur content up to 0.5% weight.

**MaxPro1 D7000** engine oils are backward compatible and can be safely used for previous model year diesel engines. They also meet API Service Category SL for automotive gasoline engines as well as multiple Original Equipment Manufacturers' (OEMs') performance specifications.

#### APPLICATIONS

- **MaxPro1 D7000** series is recommended for use in European, North American and Asian diesel engines, which are turbocharged or naturally aspirated, and operating under the most severe conditions.
- Suitable for highly rated diesel engines meeting Euro I, Euro II, Euro III, Euro IV and Euro V emission requirements and running under severe conditions, such as extended oil drain intervals according to the manufacturer's recommendations. Also suitable for engines without particulate filters, and for most EGR engines and most engines fitted with SCR NOx reduction systems. However, recommendations may differ between engine manufacturers so Driver Manuals and/or Dealers shall be consulted if in doubt.

#### FEATURES AND BENEFITS

- Particularly suitable for diesel engines equipped with EGR
- Superior oxidation and oil thickening control
- Suitable for mix-fleet operations
- Enhanced wear protection
- Effective neutralization of acid from high Sulphur fuels
- Sustained emissions control system durability, where diesel particulate filters and aftertreatment systems are used



**EELQMS**  
EUROPEAN ENGINE  
LUBRICANTS QUALITY  
MANAGEMENT SYSTEM



Revision 02/08/18  
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#### PERFORMANCE LEVEL

These oils meet the performance requirements of:

- API CI-4/CH-4/SL
- ACEA A3/B4
- ACEA E7
- Cummins CES 20072/20077
- Detroit Diesel 93K215
- Mack EO-M Plus
- MAN 3275
- MB-Approval 228.3
- MTU oil Category 2
- Volvo VDS-3



#### TYPICAL PROPERTIES

SAE Grade	Test Method	10W-30	10W-40	15W-40	20W-50
Product Code		<b>2060</b>	<b>2061</b>	<b>2062</b>	<b>2063</b>
Density @ 15°C, kg/l	ASTM D4052	0.867	0.870	0.875	0.880
Viscosity, cSt @ 40°C @ 100°C	ASTM D445	79.9	102.3	113.8	170.2
		11.7	14.0	14.9	19.5
Viscosity Index	ASTM D2270	139	139	135	131
CCS @ -15°C, cP	ASTM D5293	-	-	-	7110
CCS @ -20°C, cP	ASTM D5293	-	-	6360	-
CCS @ -25°C, cP	ASTM D5293	6005	6610	-	-
Flash Point COC, °C	ASTM D92	228	230	232	238
Pour Point, °C	ASTM D97	-30	-27	-27	-24
TBN, mg KOH/g	ASTM D2896	9.2	9.2	9.2	9.2



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## D7000

PREMIUM HEAVY-DUTY  
ENGINE OILS

### AVAILABLE SIZE AND PART NUMBER

	7L	20L	200L
D7000 SAE 10W-30	-	2060-20	2060-200
D7000 SAE 10W-40	-	2061-20	2061-200
D7000 SAE 15W-40	2062-07	2062-20	2062-200
D7000 SAE 20W-50	-	2063-20	2063-200



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