

Product Data Sheet

Maximum™ ATF DX-IID

Automotive transmission fluid

Product description

Maximum™ ATF DX-IID stands as a premium fluid for automatic transmissions, tailored for vehicles with torque converters and power shift transmissions. Its distinct formula minimizes wear, extends the lifespan of the gearbox, and enhances fuel efficiency, guaranteeing smooth operation of automatic gearboxes.

Application

Maximum™ ATF DX-IID can be used in most passenger cars, forklift trucks, and buses of European, American, or Japanese origin where Dexron II-D type ATF is recommended. It is also suitable for certain power steering systems, torque converters, change-gearboxes, fluid clutches, and non-complicated hydraulic systems.

Features & Benefits

- Improved low-temperature fluidity
- Outstanding thermal and oxidation stability
- Excellent friction characteristics
- Exceptional detergent-dispersant properties
- Compatibility with all common seal materials

Typical Properties

Property	Unit	Test method	Typical value
Kinematic Viscosity at 100°C	cst	ASTM D 445	8
Kinematic Viscosity at 40°C	cst	ASTM D 445	48.65
Viscosity Index	-	ASTM D 2270	136
Flash Point (COC)	°C	ASTM D 92	230
Pour Point	°C	ASTM D 97	-39
Density at 15°C	g/cm ³	ASTM D 4052	0.867

Typical property characteristics are based on current production. Whilst future production will conform to Maximum™ specifications, variations in these characteristics may occur.

Performance claims

- Allison C4
- Allison TES 389
- GM Dexron IID
- GM Dexron IIE
- GM Dexron TASA (Typ A/Suffix A)
- Voith H55. 6335.XX (G 607)
- MAN 339 Typ. L1
- MAN 339 Typ. L2
- MAN 339 Typ. Z1
- MAN 339 Typ. V1
- DTFR 13C100 (MB 236.1)
- Volvo CE97340
- Volvo CE97341
- ZF TE-ML 03D
- ZF TE-ML 05L
- ZF TE-ML 21L
- ZF TE-ML 09
- ZF TE-ML 11A
- ZF TE-ML 11B
- ZF TE-ML 04D
- ZF TE-ML 14A
- ZF TE-ML 17C

Health, Safety & Environment

- **Health and Safety**

This product is unlikely to present any significant health or safety hazard when properly used in the recommended application, and good standards of industrial and personal hygiene are maintained.

For further guidance on Product Health & Safety refer to the appropriate Safety Data Sheet which can be obtained upon request or through our website: www.maximumlube.com

- **Protect the Environment**

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

Available pack sizes

- 1 L Canister plastic
- 4 L Canister plastic
- 5 L Canister plastic
- 6 L Canister plastic
- 7 L Canister plastic
- 20 L Canister plastic
- 30 L Canister plastic
- 60 L Drum sheet metal
- 200 L Drum sheet metal
- 1000 L Container

Storage

- We recommend to store all packages under cover.
- Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings.
- Products should not be stored above 60 °C, exposed to hot sun or freezing conditions.

Notes

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Product Data Sheet

Maximum™ HydroMax HLP 32

Hydraulic oil

Product description

Maximum™ HydroMax HLP 32 represents an outstanding hydraulic fluid formulated with top-tier base oils and an advanced additive combination. Tailored for high-pressure and high-output hydraulic systems, it ensures prolonged durability, exceptional wear resistance, and efficient deposit control across a wide range of applications.

Application

- Hydraulic systems critical to deposit build-up or where sludge and deposits form with conventional products
- Hydraulic systems requiring a high load-carrying capability and anti-wear protection, and when thin oil-film corrosion protection is an asset
- Where small amounts of water are unavoidable
- Systems containing gears and bearings
- Machines employing a wide range of components using various metallurgy

Features & Benefits

- Exceptional thermal and oxidation stability
- Superior wear resistance
- Enhanced corrosion protection
- Controlled demulsibility
- Excellent anti-foam properties
- Neutral to seal materials

Typical Properties

Property	Unit	Test method	Typical value
ISO viscosity grade	-	-	32
Density at 15°C	g/cm ³	ASTM D4052	0.874
Kinematic Viscosity at 40°C	mm ² /s	ASTM D445	32
Kinematic Viscosity at 100°C	mm ² /s	ASTM D445	5.35
Viscosity Index	-	ASTM D2270	100
Flash Point (COC)	°C	ASTM D92	224
Pour Point	°C	ASTM D97	-30

Typical property characteristics are based on current production. Whilst future production will conform to Maximum™ specifications, variations in these characteristics may occur.

Performance claims

- DIN 51524 -2
- ISO 11158 (HM)
- ISO 6743/4 (HM)
- GB 11118.1-2011
- SAE MS 1004
- US STEEL 126/127
- Bosch Rexroth RDE 90235
- Denison HF-0/HF-1/HF-2
- Eaton E-FDGN-TB002-E
- Fives Cincinnati P68
- ASTM D6158 (HM)
- JCMAS P041 HK
- GM LS-2
- SEB 181222

Health, Safety & Environment

- **Health and Safety**

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- **Protect the Environment**

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

Available pack sizes

- 1 L Canister plastic
- 4 L Canister plastic
- 5 L Canister plastic
- 6 L Canister plastic
- 7 L Canister plastic
- 20 L Canister plastic
- 30 L Canister plastic
- 60 L Drum sheet metal
- 200 L Drum sheet metal
- 1000 L Container

Storage

- We recommend to store all packages under cover.
- Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings.
- Products should not be stored above 60 °C, exposed to hot sun or freezing conditions.

Notes

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Product Data Sheet

Maximum™ HydroMax HLP 46

Hydraulic oil

Product description

Maximum™ HydroMax HLP 46 represents an outstanding hydraulic fluid formulated with top-tier base oils and an advanced additive combination. Tailored for high-pressure and high-output hydraulic systems, it ensures prolonged durability, exceptional wear resistance, and efficient deposit control across a wide range of applications.

Application

- Hydraulic systems critical to deposit build-up or where sludge and deposits form with conventional products
- Hydraulic systems requiring a high load-carrying capability and anti-wear protection, and when thin oil-film corrosion protection is an asset
- Where small amounts of water are unavoidable
- Systems containing gears and bearings
- Machines employing a wide range of components using various metallurgy

Features & Benefits

- Exceptional thermal and oxidation stability
- Superior wear resistance
- Enhanced corrosion protection
- Controlled demulsibility
- Excellent anti-foam properties
- Neutral to seal materials

Typical Properties

Property	Unit	Test method	Typical value
ISO viscosity grade	-	-	46
Density at 15°C	g/cm ³	ASTM D4052	0.878
Kinematic Viscosity at 40°C	mm ² /s	ASTM D445	46
Kinematic Viscosity at 100°C	mm ² /s	ASTM D445	6.8
Viscosity Index	-	ASTM D2270	100
Flash Point (COC)	°C	ASTM D92	230
Pour Point	°C	ASTM D97	-24

Typical property characteristics are based on current production. Whilst future production will conform to Maximum™ specifications, variations in these characteristics may occur.

Performance claims

- DIN 51524 -2
- ISO 11158 (HM)
- ISO 6743/4 (HM)
- GB 11118.1-2011
- SAE - MS 1004
- US STEEL 126/127
- Bosch Rexroth RDE 90235
- Denison HF-0/HF-1/HF-2
- Eaton E-FDGN-TB002-E
- Fives Cincinnati P70
- ASTM D6158 (HM)
- JCMAS P041 HK
- GM LS-2
- SEB 181222

Health, Safety & Environment

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- **Protect the Environment**

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

Available pack sizes

- 1 L Canister plastic
- 4 L Canister plastic
- 5 L Canister plastic
- 6 L Canister plastic
- 7 L Canister plastic
- 20 L Canister plastic
- 30 L Canister plastic
- 60 L Drum sheet metal
- 200 L Drum sheet metal
- 1000 L Container

Storage

- We recommend to store all packages under cover.
- Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings.
- Products should not be stored above 60 °C, exposed to hot sun or freezing conditions.

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Product Data Sheet

Maximum™ I-20A

Multipurpose industrial oil

Product description

Maximum™ I-20A represents a high-grade mineral-based lubricant applicable across a broad spectrum of industrial settings. Formulated from distillates or a combination thereof with residues from sulphurous and low-sulfur solvent-refined oils, it adeptly serves industrial machinery and mechanisms in scenarios where advanced antioxidant and anti-corrosion properties are unnecessary.

Application

Maximum™ I-20A is recommended for using as hydraulic fluids in hydraulic systems of industrial machinery, automated lines and presses. It can also be used in gearboxes, slideways, and others equipment under light or moderate loads, where special lubricants are not required.

Features & Benefits

- High antioxygenic and anti-wear properties
- Good demulsifying capability
- Better protection against rust and corrosion
- Extended equipment life
- Universal application in various systems and components of industrial machinery

Typical Properties

Property	Unit	Test method	Typical value
Density at 15°C	g/cm ³	GOST 3900	0.868
Kinematic Viscosity at 40°C	cst	GOST 33	32
TAN	mg KOH /g	GOST 29255	0.003
Color	-	GOST 20284	0.5
Flash Point (COC)	°C	GOST 4333	210
Pour Point	°C	GOST 20287	-15

Typical property characteristics are based on current production. Whilst future production will conform to Maximum™ specifications, variations in these characteristics may occur.

Health, Safety & Environment

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- 4 L Canister plastic
- 5 L Canister plastic
- 6 L Canister plastic
- 7 L Canister plastic
- 20 L Canister plastic
- 30 L Canister plastic
- 60 L Drum sheet metal
- 200 L Drum sheet metal
- 1000 L Container

Storage

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Product Data Sheet

Maximum™ Litol 24

Grease

Product description

Maximum™ Litol 24 is a multifunctional industrial grease engineered to resist water penetration, formulated with a thickening agent comprising technical lithium soap extracted from 12-hydroxystearic acid. Its dependable performance is evident across a wide range of temperatures, loads, and speeds, attributed to its elevated dropping point, exceptional water resilience, and robust shear stability.

Application

Maximum™ Litol 24 is suitable for use in a wide range of industrial applications, including bearings, gears, and sliding surfaces. It is recommended for use in industrial machinery, automotive applications, and construction equipment.

Features & Benefits

- Excellent protection against wear, rust, and corrosion
- Highly resistant to water washout
- Superior mechanical stability
- Consistent performance over a wide range of temperatures and operating conditions
- Exceptional adhesive properties
- Better pumpability, allowing for easy application and distribution

Typical Properties

Property	Unit	Test method	Typical value
NLGI class	-	-	3
Color	-	Visual	Yellowish green-like homogeneous paste
Dropping Point	°C	GOST 6793	Min. 185
Penetration at 25 °C with mixing	0.1 mm	GOST 5346	220-250
Viscosity:	Pa/s	GOST 7163	-
• At minus 20 °C and Average Gradient of Strain Rate 10 s-1	Pa/s	GOST 7163	650

• At 0 °C and Average Gradient of Strain Rate 10 s ⁻¹	Pa/s	GOST 7163	280
• At 50 °C and Average Gradient of Strain Rate 100 s ⁻¹	Pa/s	GOST 7163	8
Shear Strength:	Pa	GOST 7143	-
• At 20 °C	Pa	GOST 7143	500-1000
• At 80 °C	Pa	GOST 7143	200
Colloidal Stability, Separated Oil	%	GOST 7142	Max. 12
Corrosive Action on Metal	-	GOST 9.080	Pass

Typical property characteristics are based on current production. Whilst future production will conform to Maximum™ specifications, variations in these characteristics may occur.

Performance claims

- DIN 51502: K3K-40
- NLGI 3

Health, Safety & Environment

• Health and Safety

This product is unlikely to present any significant health or safety hazard when properly used in the recommended application, and good standards of industrial and personal hygiene are maintained.

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• Protect the Environment

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

Available pack sizes

- 1 L Canister plastic
- 4 L Canister plastic
- 5 L Canister plastic
- 6 L Canister plastic
- 7 L Canister plastic
- 20 L Canister plastic
- 30 L Canister plastic
- 60 L Drum sheet metal
- 200 L Drum sheet metal
- 1000 L Container

Storage

- We recommend to store all packages under cover.
- Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings.
- Products should not be stored above 60 °C, exposed to hot sun or freezing conditions.

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Product Data Sheet

Maximum™ M-10DM

Engine oil

Product description

Maximum™ M-10DM is a meticulously formulated motor oil, integrating distillate and residual elements derived from sulfur oils, augmented by a sophisticated additive blend to elevate anti-corrosive and anti-wear attributes. Tailored for warm-weather scenarios, it demonstrates exceptional performance in the rigorous environments of turbocharged diesel engines operating at high acceleration rates.

Application

Maximum™ M-10DM is suitable for use in diesel engines installed on long-haul tractors, timber trucks, heavy-duty dump trucks, and industrial tractors, where the use of engine oil meeting API CD or earlier specifications is required

Features & Benefits

- High stability in severe operating conditions
- Excellent dispersing and deterging properties
- Exceptional corrosion inhibition
- Demonstrates high oxidative and thermal stability
- Provides highly effective wear protection
- Contributes to extended engine life

Typical Properties

Property	Unit	Test method	Typical value
Density at 15°C	g/cm ³	GOST 3900	0.892
Kinematic Viscosity at 100°C	cst	GOST 33	11.5
Kinematic Viscosity at 40°C	cst	GOST 33	99.75
Viscosity Index	-	GOST 25371	103
Flash Point (COC)	°C	GOST 4333	248
Pour Point	°C	GOST 20287	-18

Typical property characteristics are based on current production. Whilst future production will conform to Maximum™ specifications, variations in these characteristics may occur.

Performance claims

- API CD
- SAE 30

Health, Safety & Environment

- **Health and Safety**

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- **Protect the Environment**

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Available pack sizes

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- 4 L Canister plastic
- 5 L Canister plastic
- 6 L Canister plastic
- 7 L Canister plastic
- 20 L Canister plastic
- 30 L Canister plastic
- 60 L Drum sheet metal
- 200 L Drum sheet metal
- 1000 L Container

Storage

- We recommend to store all packages under cover.
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Product Data Sheet

Maximum™ M-10G2K

Engine oil

Product description

Maximum™ M-10G2K stands as a monograde diesel engine oil formulated using premium mineral base oils and a thoughtfully curated additive blend, delivering resilient protection against wear and corrosion. Its versatile applicability extends to a range of off-highway uses, as well as older on-highway vehicles.

Application

Maximum™ M-10G2K is recommended for high-power naturally aspirated or moderately supercharged diesel engines in automotive vehicles and tractors

Features & Benefits

- Enhanced acid control system
- Improved detergency characteristics
- Control of high-temperature deposit formation
- Excellent thermal and oxidation stability
- Superior anti-wear protection

Typical Properties

Property	Unit	Test method	Typical value
Density at 15°C	g/cm ³	GOST 3900	0.893
Kinematic Viscosity at 100°C	cst	GOST 33	11
Kinematic Viscosity at 40°C	cst	GOST 33	95
Viscosity Index	-	GOST 25371	101
Flash Point (COC)	°C	GOST 4333	246
Pour Point	°C	GOST 20287	-18

Typical property characteristics are based on current production. Whilst future production will conform to Maximum™ specifications, variations in these characteristics may occur.

Performance claims

- API CC
- SAE 30

Health, Safety & Environment

- **Health and Safety**

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- **Protect the Environment**

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Available pack sizes

- 1 L Canister plastic
- 4 L Canister plastic
- 5 L Canister plastic
- 6 L Canister plastic
- 7 L Canister plastic
- 20 L Canister plastic
- 30 L Canister plastic
- 60 L Drum sheet metal
- 200 L Drum sheet metal
- 1000 L Container

Storage

- We recommend to store all packages under cover.
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Product Data Sheet

Maximum™ MegaMax 5W-30 SP

Engine oil

Product description

Maximum™ MegaMax 5W-30 SP stands out as a versatile and high-performance motor oil meticulously engineered for modern gasoline and diesel engines. Offering exceptional all-around functionality and fuel efficiency, it is crafted with a carefully selected blend of base stocks and advanced additive technology, ensuring unparalleled wear protection and engine cleanliness.

Application

Maximum™ MegaMax 5W-30 SP is suitable for use in automotive petrol and diesel vehicles where the manufacturer recommends an ACEA A3/B4, API SP or earlier specification 5W-30 lubricant.

Features & Benefits

- Excellent fluidity at low temperature.
- Lower fuel consumption and CO2 emissions.
- Outstanding engine cleanliness and durability.
- Long drain interval
- Reduced power-robbing friction across engine speeds and conditions

Typical Properties

Property	Unit	Test method	Typical value
Kinematic Viscosity at 100°C	cst	ASTM D 445	11
Kinematic Viscosity at 40°C	cst	ASTM D 445	66.65
Viscosity Index	-	ASTM D 2270	158
Flash Point, COC	°C	ASTM D 92	224
Pour Point	°C	ASTM D 97	-39
TBN	mg KOH/g	ASTM D 2896	10.2
Sulphated Ash Content	%	ASTM D 874	1.3
Density at 15°C	g/ml	ASTM D 4052	0.838

Typical property characteristics are based on current production. Whilst future production will conform to Maximum™ specifications, variations in these characteristics may occur.

Performance claims

- API SP
- ACEA A3/B4

ALCO LLC recommends this product for vehicles with the following specifications:

- MB 229.3/229.5
- VW 502.00/505.00
- RN 700/710

Health, Safety & Environment

• Health and Safety

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• Protect the Environment

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Available pack sizes

- 1 L Canister plastic
- 4 L Canister plastic
- 5 L Canister plastic
- 6 L Canister plastic
- 7 L Canister plastic
- 20 L Canister plastic
- 30 L Canister plastic
- 60 L Drum sheet metal
- 200 L Drum sheet metal
- 1000 L Container

Storage

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Product Data Sheet

Maximum™ Solidol

Grease

Product description

Maximum™ Solidol stands as a versatile anti-friction grease, formulated with a blend of high-quality medium-viscosity petroleum oils and thickened using hydrated calcium soap derived from fatty acids found in vegetable and animal fats.

Application

Maximum™ Solidol can be used in various industrial machinery, vehicle friction components, agricultural equipment, hand tools, as well as rolling and sliding bearings, hinges, screw and chain drives, and low-speed gearboxes.

Features & Benefits

- Exceptional protective properties, even under high humidity conditions
- Excellent water resistance
- Favorable viscosity-temperature characteristics
- Dependable anti-wear properties
- Effective corrosion protection for metals
- High colloidal stability
- Outstanding extrapressure resistance

Typical Properties

Property	Unit	Test method	Typical value
NLGI class	-	-	2-3
Color	-	Visual	Yellowish brown-like homogeneous paste
Dropping Point	°C	GOST 6793	Min. 78
Penetration at 25 °C with mixing	0.1 mm	GOST 5346	230-300
Shear Strength:	Pa	GOST 7143	Min. 196
• At 50 °C	Pa	GOST 7143	Min. 196

Typical property characteristics are based on current production. Whilst future production will conform to Maximum™ specifications, variations in these characteristics may occur.

Performance claims

- DIN 51502: K2/3 C-25
- NLGI 2-3

Health, Safety & Environment

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- Products should not be stored above 60 °C, exposed to hot sun or freezing conditions.

Notes

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Product Data Sheet

Maximum™ TAP-15B

Transmission oil

Product description

Maximum™ TAP-15B is a thick mineral oil made by mixing refined hydrocarbons with distillate oil, working well under high pressure (up to 2000 MPa) and high temperatures (up to 130°C) in tight spaces. Ideal for vehicle transmissions and industrial equipment like conveyors, it provides effective lubrication for gears.

Application

Maximum™ TAP-15B is specifically intended for application in truck transmissions and industrial equipment (such as conveyors, handling devices, and related machinery) for lubricating spur, spiral bevel, and worm gears. In the average climatic zone, it is used year-round, even at temperatures as low as -25°C.

Features & Benefits

- Effective deposit prevention
- Minimal volatility at elevated operational temperatures
- Dependable shield against wear and corrosion
- Strong anti-foam characteristics

Typical Properties

Property	Unit	Test method	Typical value
Density at 15°C	g/cm ³	GOST 3900	0.894
Kinematic Viscosity at 100°C	mm ² /s	GOST 33	15
Kinematic Viscosity at 40°C	mm ² /s	GOST 33	157.7
Viscosity Index	-	GOST 25371	95
Flash Point (COC)	°C	GOST 4333	230
Pour Point	°C	GOST 20287	-20

Typical property characteristics are based on current production. Whilst future production will conform to Maximum™ specifications, variations in these characteristics may occur.

Performance claims

- API GL-3
- SAE 90

Health, Safety & Environment

- **Health and Safety**

This product is unlikely to present any significant health or safety hazard when properly used in the recommended application, and good standards of industrial and personal hygiene are maintained.

For further guidance on Product Health & Safety refer to the appropriate Safety Data Sheet which can be obtained upon request or through our website: www.maximumlube.com

- **Protect the Environment**

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

Available pack sizes

- 1 L Canister plastic
- 4 L Canister plastic
- 5 L Canister plastic
- 6 L Canister plastic
- 7 L Canister plastic
- 20 L Canister plastic
- 30 L Canister plastic
- 60 L Drum sheet metal
- 200 L Drum sheet metal
- 1000 L Container

Storage

- We recommend to store all packages under cover.
- Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings.
- Products should not be stored above 60 °C, exposed to hot sun or freezing conditions.

Notes

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Product Data Sheet

Maximum™ TurboMax 10W-40 CI-4/SL

Engine oil

Product description

Maximum™ TurboMax 10W-40 CI-4/SL represents an innovative heavy-duty diesel engine lubricant meticulously crafted to prolong engine life and enable extended intervals between oil changes. Suited for contemporary diesel engines facing rigorous conditions, its sophisticated composition ensures optimal operation in both modern, strict low-emission diesel engines and their older models, irrespective of the sulfur content in the fuel.

Application

Maximum™ TurboMax 10W-40 CI-4/SL is recommended for use in modern four-stroke diesel engines of heavy duties under severe conditions, including vehicles equipped with EGR and SCR NOx reduction systems (not suitable for Diesel Particulate Filters). It fulfills the requirements of the EU Euro I/II/III/IV/V emission standards.

Features & Benefits

- Extended service intervals and long-drain oil refreshment periods
- High thermal and oxidation stability
- Low volatility, excellent wear and bore polish control
- Easy cold start-up
- Advanced detergent/dispersant properties
- Outstanding engine cleanliness

Typical Properties

Property	Unit	Test method	Typical value
Kinematic Viscosity at 100°C	cst	ASTM D 445	14.5
Kinematic Viscosity at 40°C	cst	ASTM D 445	108.8
Viscosity Index	-	ASTM D 2270	137
Flash Point, COC	°C	ASTM D 92	230
Pour Point	°C	ASTM D 97	-30
TBN	mg KOH/g	ASTM D 2896	8.1
Sulphated Ash Content	%	ASTM D 874	1.14
Density at 20°C	g/ml	ASTM D 4052	0.865

Typical property characteristics are based on current production. Whilst future production will conform to Maximum™ specifications, variations in these characteristics may occur.

Performance claims

- API CI-4/SL
- ACEA E7
- JASO DH-1
- Global DHD-1
- MB 228.3
- MTU Type 2
- Volvo VDS 3
- Mack EO-N
- Renault RLD-2
- Cummins CES 20078
- DDC 93K215
- Deutz DQC III-18
- MAN 3275-1
- CAT ECF 1a

Health, Safety & Environment

- **Health and Safety**

This product is unlikely to present any significant health or safety hazard when properly used in the recommended application, and good standards of industrial and personal hygiene are maintained.

For further guidance on Product Health & Safety refer to the appropriate Safety Data Sheet which can be obtained upon request or through our website: www.maximumlube.com

- **Protect the Environment**

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

Available pack sizes

- 1 L Canister plastic
- 4 L Canister plastic
- 5 L Canister plastic
- 6 L Canister plastic
- 7 L Canister plastic
- 20 L Canister plastic
- 30 L Canister plastic
- 60 L Drum sheet metal
- 200 L Drum sheet metal
- 1000 L Container

Storage

- We recommend to store all packages under cover.
- Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings.
- Products should not be stored above 60 °C, exposed to hot sun or freezing conditions.

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Product Data Sheet

Maximum™ TurboMax 15W-40 CI-4/SL

Engine oil

Product description

Maximum™ TurboMax 15W-40 CI-4/SL represents an innovative heavy-duty diesel engine lubricant meticulously crafted to prolong engine life and enable extended intervals between oil changes. Suited for contemporary diesel engines facing rigorous conditions, its sophisticated composition ensures optimal operation in both modern, strict low-emission diesel engines and their older models, irrespective of the sulfur content in the fuel.

Application

Maximum™ TurboMax 15W-40 CI-4/SL is recommended for use in modern four-stroke diesel engines of heavy duties under severe conditions, including vehicles equipped with EGR and SCR NOx reduction systems (not suitable for Diesel Particulate Filters). It fulfills the requirements of the EU Euro I/II/III/IV/V emission standards.

Features & Benefits

- Extended service intervals and long-drain oil refreshment periods
- High thermal and oxidation stability
- Low volatility, excellent wear and bore polish control
- Easy cold start-up
- Advanced detergent/dispersant properties
- Outstanding engine cleanliness

Typical Properties

Property	Unit	Test method	Typical value
Kinematic Viscosity at 100°C	cst	ASTM D 445	15
Kinematic Viscosity at 40°C	cst	ASTM D 445	117.9
Viscosity Index	-	ASTM D 2270	132
Flash Point, COC	°C	ASTM D 92	236
Pour Point	°C	ASTM D 97	-27
TBN	mg KOH/g	ASTM D 2896	8.1
Sulphated Ash Content	%	ASTM D 874	1.14
Density at 15°C	g/ml	ASTM D 4052	0.887

Typical property characteristics are based on current production. Whilst future production will conform to Maximum™ specifications, variations in these characteristics may occur.

Performance claims

- API CI-4/SL
- ACEA E7
- JASO DH-1
- JASO DH-1
- Global DHD-1
- MB 228.3
- MTU Type 2
- Volvo VDS 3
- Mack EO-N
- Renault RLD-2
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