



MAX POWER *Lubricants*



*Advanced Base Oil Technology
Drives The Lubricants Industry*

LUBRICANTS • GREASE • COOLANT • BRAKE FLUID

Product Catalogue

About Us

For almost a decade, we Max Petrochem Pvt. Ltd. are counted amongst the leading manufacturers & suppliers of a wide range of industrial lubricants, automotive lubricants, grease, coolants and specialty lubricants. These are offered under the trade name Max Power. Our range is catering to the requirements of diverse industries such as modern automobiles, commercial vehicles, utilities, power plants, earth moving equipment and industrial machinery. Owing to our well-developed manufacturing unit, we are able to draw complete customer satisfaction and process quality range of lubricants. Our strong marketing, sales & technical team renders a prompt service backed up by on-time delivery through our own transport. We adhere to various quality formula parameters in formulating greases and oils that are at par with international standard. Further, we also conduct monitoring both at pre-sales service and also at the post-sale service to acquire highest level of client satisfaction. Led under dynamic leadership, **Mr. Manish Rathore** has transformed Max Petrochem Pvt. Ltd. and are able to develop our company and build huge clientele throughout India. With his rich business acumen and sharp insight, we have been able to gain a remarkable position in the industry for ourselves.

Max group is a professionally managed organization with wide presence in business of wide range of lubricants. Max Petrochem Pvt. Ltd. is an innovative Lubricant company with two objectives, **QUALITY AND COMMITMENT**. To stimulate new ideas that create new opportunities and to enable differentiation by providing you with the **QUALITY** and most advanced Lubricant technology. To create value for you through our support, knowledge, service and foremost our commitment. Max is with you at every step of the way.

The company engaged into manufacturing various Lubricants products. Automotive Lubricant premium optimum range of mono grade and multi grade engine oils, automatic transmission coolant along with new generation high performance multi grade engine oils, four stroke engine oils for passenger and commercial vehicle engines. A wide range of industrial oils including metal working oils, hydraulic oils, gear oils, compressor oils, rust preventive oils and specialty oils.

Your belief in us gives strength to gain height and explore new horizons. We look forward to your association in journey achieve and even higher professional excellent.

Vision and mission

Vision Max as a "Value for Money" brand recommitment & excellence in the design, manufacturing & marketing of "All Performance Level" Lubricants, Grease, Specialties and Oils.

Max commands a respectable market share in the targeted India and Global Market segments.

It represents ethos, values, ethics and the "Clean & Green" culture of Max Petrochem Pvt. Ltd. and makes positive & satisfying contributions to the lives & business of the customers, employees, vendors & all direct-indirect stakeholders.

- Product leadership in all the areas of operation
- Higher and continually improving levels of customer and employee satisfaction
- Continuous improvement in business, levels operations and management processes
- It-enabled "Process" and "Service" orientation towards an outwardly-looking business approach

Authorised Signature

Manish Rathore





TRACTOR OIL

Max Power SM Grade : 20W40



Description and Applications :

It is superior quality Diesel engine oil formulated using superior quality high viscosity index base oils and specially selected additives to wrestle various operating conditions & temperatures. It is specially developed for passenger cars. It is recommended for all petrol cars, especially older petrol cars.

Characteristics	Requirement	Typical Figures
Appearance	-	Clear & Bright
Colour, Visual Observation	-	Yellow
Density @ 15°C, gm/ml	P:16	0.8868
K ₁ V at 100°C, cSt	P:25	18.6
Copper Corrosion @ 100°C for 3 hrs	P:15	1a
Flash Point (COC), °C	P:69	238
Viscosity Index	P:56	126
Pour Point, °C	P:10	-24



Main Benefits:

- Enhanced protection against wear, due to its ability to maintain lubricating.
- Increased viscosity and volatility control help lower oil consumption.
- Superior engine cleanliness owing to its specially chosen detergent and dispersant additive chemistry.
- Shields engine components against rust and corrosion.
- Compatible with catalytic converters.

Performance Level:

- API SG • IS 13656:2002 Type EPL3/EDL2

Packaging Size 1L, 5L, 7.5L, 20L, 26L, 50L, 210L



Max Power SN 4T 20W40



Description and Applications :

Max Power SN is a high performance premium synthetic 4-stroke engine oil. It is superior Multi-Grade detergent type lubricating oil meeting the highest API performance level. Max recommends it for all Hero, Honda, Bajaj, TVS, Yamaha, Mahindra & all other Motorcycle and scooters having 4-stroke gasoline engines.

Characteristics	Requirement	Typical Figures
Appearance	-	Clear & Bright
Colour, Visual Observation	-	Red
Density @ 15°C, gm/ml	P:16	0.8868
K ₁ V at 100o C, cSt	P:25	18.6
Copper Corrosion @ 100o C for 6 hrs	P:15	1a
Flash Point, (COC), oC	P:69	238
Viscosity Index	P:56	126
Pour Point, C	P:10	-24



Main Benefit:

- Higher engine protection with stable protective even beyond extreme operating temperatures.
- Excellent sludge and oxidation resistance.
- Low volatility and evaporation loss.
- Reduce fuel consumption.

Performance Level

- API CD/CF
- IS 13656:2002 Type EDL1
- US MIL-L-2104C

Packaging Size 900ml., 1L, 5L, 7.5L, 20L, 26L, 50L, 210L

Max Power SL 4T 20W-40



Description and Applications :

Max Power SL is a high performance premium quality 4-stroke engine oil. It is superior Multi-Grade detergent type lubricating oil meeting the highest API performance level. Max recommends it for all Hero, Honda, Bajaj, TVS, Yamaha, Mahindra & all other Motorcycle and scooters having 4-stroke gasoline engines.

Characteristics	Requirement	Typical Figures
Appearance	-	Clear & Bright
Colour, Visual Observation	-	Golden
Density @ 15°C, gm/ml	P:16	0.8780
K ₁ V at 40o C, cSt	P:25	14.8
Copper Corrosion @ 100o C for 3 hrs	P:15	1a
Flash Point, (COC), oC	P:69	240
Viscosity Index	P:56	113
Pour Point, C	P:10	-21



Main Benefits:

- Excellent high temperature oxidation stability.
- Excellent Anti-wear properties.
- Excellent Viscosity temperature characteristics.
- Low engine smoke and deposits.
- Above resulting in extended drain interval.
- Superior clutch friction performance.

Performance Level:

- JASO Ma2
- Exceeds API SJ, SH, CF

Packaging Size 900ml, 1L, 20L, 50L, 210L



SCOOTER ENGINE OIL

Max Power SJ 4T SJ 10W-30



Description and Applications :

Max Power SJ is a high performance premium synthetic 4-stroke engine oil. It is superior Multi-Grade detergent type lubricating oil meeting the highest API performance level. Max recommends it for all Hero, Honda, Bajaj, TVS, Yamaha, Mahindra & all other Motorcycle and scooters having 4-stroke gasoline engines.



Main Benefits:

- Highest possible engine protection with stable protective film even beyond extreme operating temperatures.
- Excellent sludge and oxidation resistance.
- Low volatility and evaporation loss.
- Reduce fuel consumption.
- Superior cold start performance and efficient cold engine lubrication.

Specifications:

Meets API SJ/CF, MIL-L-46152E
ACEA A3/B3/98, MB229.1
VW 501.01, 505, PORSCHE, BMW

Characteristics	Requirement	Typical Figures 10W-30
Colour, Visual Observation	-	Golden
K.V at 40° C, cSt	-	10.8
Viscosity Index	P:16	113
Pour Point, °C	P:56	-21
Flash Point, (COC), °C	P:69	220

Packaging Size 900ml, 50L, 210L



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Max Power CF-4 15W40



Description and Applications :

Max Power Ultra 15W-40 CF-4 is exceptional high performance diesel engine oil of the highest engine performance class API CF-4. It is a premium quality and versatile engine oil designed for use in mixed fleets commercial engines. It is formulated from high quality conventional base oil together with a multi-functional additive package. Max recommends it to be used in both petrol and diesel engines, from car and vans to turbo-charged diesel trucks and off-highway building Machinery.

Characteristics	Requirement	Typical Figures
Appearance	-	Clear & Bright
Colour, Visual Observation	-	Golden
Density @ 15°C, gm/ml	P:16	0.8785
K V at 100o C, cSt	P:25	14.20
Copper Corrosion @ 100o C for 3 hrs	P:15	1a
Flash Point, (COC), oC	P:69	232
Viscosity Index	P:56	145
Pour Point, C	P:10	-24

HEAVY DUTY ENGINE OIL



Main Benefits:

- For use in mixed fleets where rationalization is sought with retention of high engine protection in both diesel and petrol engines over long drain intervals.
- Excellent internal engine cleanliness and resistance against sludge formation.
- Very good resistance against corrosion and high temperature oxidation.
- Superior cold start performance and efficient cold engine lubrication.

Specifications:

Meets API CG4 /SJ, API CF, MAN QC 13-017 (M3275)
MIL-L-46152E, MIL-L-2104E, CCMC D5/D4/G4 /PD 2, ACEA
A3/B3/B4/E3/98

Packaging Size 1L, 3.5L, 5L, 7.5L, 20L, 26L, 50L, 210L





HEAVY DUTY ENGINE OIL

Max Power

CI-4 15W-40

Description and Application

Max Power CI-4 15W40 is super high performance engine oil, premium quality, versatile engine oil designed for use in mixed fleets and to meet the most stringent requirements for commercial diesel engines. It is formulated from highly refined conventional base oils together with a multifunctional additive package. Can be use in both petrol and diesel engines, from cars and vans to turbo-charged diesel trucks and off-highway building machinery.

Characteristics	Requirement	Typical Figures
Appearance	Visual	Clear & Bright
Density @ 15°C, gm/ml	1298	0.888
Viscosity Index	2270	130
Viscosity @ 100°C (cSt)	445	14.5
Pour Point °C	97	-36
Flash Point (COC), °C	92	260
T.B.N mg KOH/gm	2896	12.5



Main Benefits:

- Excellent internal engine cleanliness and resistance against sludge formation.
- Very good resistance against corrosion and high temperature oxidation.
- Excellent performance under all terrain, all weather conditions.
- Reduce fuel consumption.
- Optimized high temperature viscosity to meet the latest requirement of OEMs achieving fuel savings and reduced exhaust emissions.

Specifications:

Meets API CG4 /SJ, API CI, MAN QC 13-017 (M3275)
MIL-L-46152E, MIL-L-2104E, CCMC D5/D4/G4 /PD 2, ACEA
A3/B3/B4/E3/98

Packaging Size 1L, 3.5L, 5L, 7.5, 20L, 26, 50L, 210L

BS IV TECHNOLOGY OIL



HEAVY DUTY ENGINE OIL

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Max Power Turbo7 CH-4 Grade: 15W-40

Description and Applications :

Max Power Turbo 15W-40 CH-4 is exceptional high performance diesel engine oil of the highest engine performance class API CH-4. It is a premium quality and versatile engine oil designed for use in mixed fleets commercial engines. It is formulated from high quality conventional base oil together with a multi-functional additive package. Max recommends it to be used in both petrol and diesel engines, from car and vans to turbo-charged diesel trucks and off-highwaybuilding Machinery.



Main Benefits:

- For use in mixed fleets where rationalization is sought with retention of high engine protection in both diesel and petrol engines over long drain intervals.
- Very good resistance against corrosion and high temperature oxidation.
- Excellent performance under all terrain, all weather conditions.
- Reduce fuel consumption. Superior cold start performance and efficient cold engine lubrication.

Specifications:

Meets API CH4 /SJ ,ACEA E5/A3/B4
MB229.1 / 228.1 , VOLVO VDS/VDS2
MAN M3275 ,ALLISON C4 / MACK EO-M /MTU Type2/DDC Type2

Packaging Size 1L, 3.5L, 5L, 7.5, 20L, 26, 50L, 210L

Characteristics	Requirement	Typical Figures
Appearance	-	Clear & Bright
Colour, Visual Observation	-	Golden
Density @ 15°C, gm/ml	P:16	0.8785
K ₁ V at 40°C, cSt	P:25	14.20
Copper Corrosion @ 100°C for 3 hrs	P:15	1a
Flash Point, (COC), °C	P:69	232
Viscosity Index	P:56	145
Pour Point, °C	P:10	-24



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Max Power SG 20W-50

Description and Application:

Max Power 20W50 SG is super – premium quality, multi grade (20W/50) engine oil, and superior detergent type lubricating oil meeting the highest API performance level for gasoline engine oils, suitable for all passenger cars and light duty diesel vehicles .It can be used in all 4-stroke gasoline and diesel engines, naturally aspirated and turbo charged.



Characteristics	Requirement	Typical Figures
Appearance	Visual	Clear & Bright
Density @ 15°C, gm/ml	1298	0.884
Viscosity Index	2270	125
Viscosity @ 100°C (cSt)	445	19.0
Pour Point °C	97	-30
Flash Point, (COC), °C	92	230
T.B.N mg KOH/gm	2896	11.0
C.C.S. Viscosity @ - 10°C cP.	5293	4200

Main Benefits:

- Highest possible engine protection with stable protective film even beyond extreme operating temperatures.
- Reduce fuel consumption.
- Superior cold start performance and efficient cold engine lubrication.
- Optimized high temperature viscosity to meet the latest requirement of OEMs achieving fuel savings and reduced exhaust emissions.

Specifications:

Meets API SG, MIL-L-46152E
ACEA A3/B3/98, MB229.1

Packaging Size 1L, 3L, 20L, 50L, 210L



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Max Power GEAR OIL GL-4 EP-90



Description and Application

The Automotive Transmission oil is designed for use in a wide range of gear units with normal bevel or helical gear design including synchronized manual gearboxes, transmissions and axles under moderately severe load and pressure conditions.

It is applicable equally for passenger cars, light and heavy trucks, agricultural and building machinery .even for topping up well run-in hypoid transmission units.



Characteristics	Requirement	Typical Figures
Appearance	Visual	Clear & Bright
Density @ 15°C, gm/ml	1298	0.90
Viscosity Index	2270	97
Viscosity @ 100°C (cSt)	445	16.5
Pour Point, °C	97	-18
Flash Point, (COC), °C	92	210
Brookfield Viscosity Max temp for Viscosity of 1,50,000 cP °°C	2983	-

Main Benefits:

- Very good wear protection.
- High safety margin against foaming and corrosion
- Reasonable viscosity /temperature and cold flow properties
- Compatible with all seal and metal types.

Meets API GL-4 and MIL -L- 2105 and are recommended for use in vehicle transmissions according to MAN 341,DB.235.1 and ZF TE -ML-01,02 and 08.

Packaging Size 1L, 5L, 10L, 26L, 50L, 210L

Max Power GL-5 Grade: 85W-140, 80W-90



Description and Application

Max Power Gear oil GL-5 is heavy duty gear oils meant for gears, particularly hypoid gears, in axles operating under various combinations of high-speed shock loads and low-speed, high-torque conditions.

It is recommended for hypoid/bevel gears in rear axles of the vehicles operating under severe service conditions. It can also be used in gear boxes wherever OEMs recommend GL-5 type Oils.



Characteristics	Requirement	Typical Figures 85W140	Typical Figures 80W90
Appearance	Visual	Clear & Bright	Clear & Bright
Density @ 15°C, gm/ml	1298	0.91	0.904
Viscosity Index	2270	95	98
Viscosity @ 100°C (cSt)	445	27.5	15.5
Pour Point, °C	97	-9	-27
Flash Point, (COC), °C	92	224	210
Brookfield Viscosity Max temp for Viscosity of 1,50,000 cP °°C	2983	-12	-26

Main Benefits:

- Very good wear protection.
- High safety margin against foaming and corrosion
- Reasonable viscosity /temperature and cold flow properties
- Compatible with all seal and metal types.

Performance Level

API GL-5 • IS 1118:1992 • {EP Type GL-5} • US MIL-L-2105D

Packaging Size 1L, 5L, 10L, 26L, 50L, 210L

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GEAR OIL

Grade: 150, 220, 320

Description and Application

It is high quality oil blended from high viscosity index paraffinic base oils. It is mainly used for the lubrication of heavy duty stern tube bearing in ships and is also recommended for lubrication of parts with the presence of water to a certain level.



*High
Protection
Gear Oil*

Characteristics	Test Method	Typical	Typical	Typical
Viscosity Grade (ISOVG)		150	220	320
Appearance	Visual	C&B*	C&B*	C&B*
Density @ 15°C gm/cm3	1298	0.888	0.897	0.90
Viscosity Index	2270	97	96	96
Viscosity @ 40°C (cSt)	445	150	220	320
Pour Point °C	97	-9	-9	-9
Flash Point (COC) °C	92	240	248	254

Main Benefits:

- Very good wear protection.
- High safety margin against foaming and corrosion
- Reasonable viscosity /temperature and cold flow properties
- Compatible with all seal and metal types.

Performance Level

API GL-5 • IS 1118:1992 • {EP Type GL-5} • US MIL-L-2105D

Packaging Size 20L, 26L, 50L, 210L



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MAX POWER HYDRAULIC OIL

32, 46, 68, 150

Description and Application:

There are premium grade extra heavy duty anti-wear oils with outstanding thermal stability and high FZG rating. These are recommended for high pressure hydraulic systems and also for power transmission in systems operating at high speeds, loads and temperatures. These are suitable for lubrication of pumps and industrial hydraulic machinery operating under heavy loads. These are specially recommended for sophisticated high performance Electrohydraulic or Numerically systems.

Characteristics	Requirement	Typical Figures
Appearance	Visual	Clear & Bright
Density @ 15°C, gm/ml	1298	0.884
Viscosity Index	2270	125
Viscosity @ 100°C (cSt)	445	19.0
Pour Point °C	97	-30
Flash Point (COC), °C	92	230
T.B.N mg KOH/gm	2896	11.0
C.C.S. Viscosity @ - 10°C cP.	5293	4200



HYDRAULIC OIL



Main Benefits:

- Outstanding thermal & oxidation stability and good service life.
- Good anti-wear properties and rust inhibitor.
- Superior hydrolytic stability and excellent demulsibility.
- Compatible with the seals commonly used in hydraulic systems

Specifications:

Meets the specification requirements of
DIN 51524Part 2. ISO Type HM
Sperry Vickers 35VQ25
Cincinnati Milacron P-68, P-69, P-70 Denison HF0 and HF2

Packaging Size 1L, 5L, 20L, 50L, 210L



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TRANSMISSION OIL

MAX POWER TRANSMISSION OIL

ATF-TQ

Description and Application:

Max Transmission ATF is typical designed for use in modern automatic gearboxes and other transmission units of most passenger car trucks and buses. It is suitable for automatic transmission, power-steering and hydraulic units of mobile and off highway equipment Industrial application and marine hydraulics.



Characteristics	Requirement	Typical Figures
Appearance	-	Clear & Bright
Colour, Visual Observation	-	0.884
Density @ 15°C, gm/ml	P:16	125
K.V at 40°C, cSt	P:25	19.0
Copper Corrosion @ 100°C for 3 hrs	P:15	-30
Flash Point (COC), °C	P:69	230
Viscosity Index	P:56	11.0
Pour Point °C	P:10	4200

Main Benefits:

- Outstanding thermal & oxidation stability and good service life.
- Good anti-wear properties and rust inhibitor.
- Superior hydrolytic stability and excellent demulsibility.
- Compatible with the seals commonly used in hydraulic systems

Specifications:

Meets the specification requirements of

DIN 51524Part 2. ISO Type HM

Sperry Vickers 35VQ25

Cincinnati Milacron P-68, P-69, P-70 Denison HF0 and HF2

Packaging Size 1L, 3L, 20L, 50L, 210L



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Max Power GREASE

MP-3

Description and Application

Max Power Multipurpose grease is a series of high quality, lithium hydroxy stearate extreme pressure grease. It incorporates a lead free EP additive and is for use where surfaces are subjected to heavy or shock loading. It also contains oxidation and corrosion inhibitors, which help to ensure long service life of the grease and a high level of protection for ferrous surfaces.

These greases are for use in plain and rolling bearing operating under severe conditions of shock loading all types and in all kinds of machinery- including electrical motors, machine tools, textile, paper making and wood working machines and construction equipment –where the continuous operating temperatures are within the specified limits.

These greases can be used at higher temperatures of upto 180°C for short duration or with frequent replacement. Continuous operating temperature range for these greases: -20 to 130°C



Main Benefits:

- Long service life.
- Low friction torque
- Good pump ability
- Resistant to wash –off by water
- Good shear –stability and resistance to vibration.
- High Load carrying capacity and low wear.
- Fully compatible with other Lithium greases

Performance level:

DIN 51825 KP1K/KP2K/KP3K/KP4K

TEST PARAMETERS	TEST METHOD	Typical Figures
Thickener Type		Lithium
NLGI Classification		3
Texture		Smooth
Color	Visual	Pale Yellow
Dropping Point °C	D 566	190
Worked Penetration @25°C 60 strokes	D 217	220/250
Wheel Bearing leakage after 6hrs @ 110°C gms	D 1263	<2
Water washout resistance %wt	D 1264	<5
Copper Strip Corrosion for 24hrs @100°C	D 4048	-ve
Four ball weld load Kg	IP 239	<260

Packaging Size 500gm, 1Kg, 2Kg, 5Kg, 18Kg, 180Kg



Max Power GREASE EP-2

Description and Application

Max Power Multipurpose grease EP is a series of high quality, lithium hydroxy stearate extreme pressure grease. It incorporates a lead free EP additive and is for use where surfaces are subjected to heavy or shock loading. It also contains oxidation and corrosion inhibitors, which help to ensure long service life of the grease and a high level of protection for ferrous surfaces.

These greases are for use in plain and rolling bearing operating under severe conditions of shock loading all types and in all kinds of machinery- including electrical motors, machine tools, textile, paper making and wood working machines and construction equipment –where the continuous operating temperatures are within the specified limits.

These greases can be used at higher temperatures of upto 180°C for short duration or with frequent replacement. Continuous operating temperature range for these greases: -20 to 130°C



TEST PARAMETERS	TEST METHOD	Typical Figures
Thickener Type		Lithium
NLGI Classification		2
Texture		Smooth
Color	Visual	Green
Dropping Point °C	D 566	190
Worked Penetration @25°C 60 strokes	D 217	265/295
Wheel Bearing leakage after 6hrs @ 110°C gms	D 1263	<2
Water washout resistance %wt	D 1264	<5
Copper Strip Corrosion for 24hrs @100°C	D 4048	-ve

Main Benefits:

- Long service life.
- Low friction torque
- Good pump ability
- Resistant to wash –off by water
- Good shear –stability and resistance to vibration.
- High Load carrying capacity and low wear.
- Fully compatible with other Lithium greases

Performance level:

DIN 51825 KP1K/KP2K/KP3K/KP4K

Packaging Size 500gm, 1Kg, 2Kg, 5Kg, 18Kg, 180Kg





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