

Misr Petroleum Co. is a major manufacturing and marketing company in Egypt. We manufacture and market a wide range of lubricants such as automotive, industrial and greases. These lubricants are blended using a selection of the highest refined base oils and the recent additive technology developed by multinational additive producers.

Our main aim is to provide customers with solutions and to add value to their businesses, in whatever sector they operate. Our success comes from an obligation and commitment to continuous improvement in products and services that anticipate market needs and industry technical requirements through applying lubricants international technical committees / OEM's codes.

This product guide will be your reference to the high quality range of lubricants available in Misr Petroleum Co.

For additional information about these products or other MISR PETROLEUM products that suits your business please refer to:  
MISR PETROLEUM TECHNICAL SERVICES DIVISION REPRESENTATIVES.  
Tel./Fax: 0222339475 - 0222349057

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# 01| GASOLINE ENGINE OILS

PHOENIX OIL

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MISR 1 OIL

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MISR SUPER 10000

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MISR SUPER 7500

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MISR SUPER HD MOTOR OIL

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MISR SUPER DUEL PERFORMANCE OIL

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MISR SPECIAL GAS ENGINE OIL

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# PHOENIX OIL

PHOENIX OIL is an ultimate high performance synthetic gasoline engine oil.

## APPLICATION

Recommended for use in all modern types of gasoline – powered / turbo charged and direct injection engines.

## PERFORMANCE FEATURES

- High thermal and oxidation stability.
- Outstanding wear protection under extreme conditions.
- High resistance to viscosity change with temperature variation.
- Provide easy start ability.
- Comply with environmental requirements.
- Improve engine durability.

### SAE VISCOSITY GRADE

5W / 40

### PERFORMANCE LEVEL

API SN/CF

- ACEA A3/B3-04

- ACEA A3/B4-04

- Porsche

- BMW Long Life 98

- MB 229.1/229.3

- VW 502/505

- OPEL GM – LL – B – 025



# MISR 1 OIL

MISR 1 OIL is an advanced ultra high quality ultra high performance lubricating oil designed for use in modern gasoline engines

MISR 1 OIL is based on a blend of especially high quality refined mineral oils and an advanced additives package.

MISR 1 OIL is blended for ensuring ultimate passenger car engine protection in extremely arduous motoring conditions.

MISR 1 OIL meets the requirements of all modern passenger cars gasoline and diesel engine manufactures.

## APPLICATION

MISR 1 OIL is designed and blended for naturally aspirated and turbocharged passenger car engines fuelled by diesel, gasoline or CNG.

## PERFORMANCE FEATURES

- Ultimate thermal stability and oxidation resistance.
- Cleaner engines.
- Low wear – extended engine life.
- High temperature stability.

### SAE VISCOSITY GRADE

10W / 30

15W / 40

20W / 50

### PERFORMANCE LEVEL

API SL / CF



# MISR SUPER 10000

MISR SUPER 10000 is an advanced high quality high performance lubricating oil designed for use in gasoline engines.

MISR SUPER 10000 is based on a blend of high quality refined mineral oils and an advanced additives package

MISR SUPER 10000 is blended for ensuring reliable passenger car engine protection in normal motoring conditions.

MISR SUPER 10000 meets the requirements of most passenger cars gasoline and diesel engine manufactures.

## APPLICATION

MISR SUPER 10000 is designed and blended For naturally aspirated passenger car engines Fuelled by diesel, gasoline or CNG.

## PERFORMANCE FEATURES

- Excellent thermal stability and oxidation resistance.
- Cleaner engines.
- Shear stable.
- Low wear – Extended engine life.
- High temperature stability.

### SAE VISCOSITY GRADE

15W / 40

20W / 50

### PERFORMANCE LEVEL

API SJ / CF



# MISR SUPER 7500

MISR SUPER 7500 is a high quality high performance lubricating oil designed for use in gasoline engines.

MISR SUPER 7500 is based on a blend of high quality refined mineral oils and an advanced additives package.

MISR SUPER 7500 meets the requirements of most passenger cars gasoline and diesel engine manufactures.

## APPLICATION

MISR SUPER 7500 is designed and blended for naturally aspirated passenger car engines fuelled by diesel , gasoline or CNG.

## PERFORMANCE FEATURES

- Outstanding thermal stability and oxidation resistance.
- Cleaner engines.
- Shear stable.

SAE VISCOSITY GRADE

20W / 50

PERFORMANCE LEVEL

API SF / CD



# MISR SUPER HD MOTOR OIL

MISR SUPER HD MOTOR OIL is a good quality gasoline engine oil designed for use in the lubrication of certain passenger cars gasoline engines.

MISR SUPER HD MOTOR OIL is based on high quality refined mineral oils and an adequate additives package.

## APPLICATION

MISR SUPER HD MOTOR OIL is designed for lubrication of naturally aspirated 4 – stroke gasoline engines.

Although MISR SUPER HD MOTOR OIL is not designed specifically for diesel engines, they may be used for normal injection diesel engines in certain cases as the case of old fleet with mixed engines.

## PERFORMANCE FEATURES

- Reliable performance.
- Good engine protection Life.

### SAE VISCOSITY GRADE

Misr Super HD Motor Oil is available in a wide range of mono grades S.A.E {20,30,40,50}

### PERFORMANCE LEVEL

API SF / CD





# MISR SUPER DUEL PERFORMANCE OIL

MISR SUPER DUEL PERFORMANCE OIL is an advanced high quality high performance lubricating oil designed for use in (Gasoline – CNG) and (Diesel – CNG) engines.

MISR SUPER DUEL PERFORMANCE OIL is based on a blend of high quality refined mineral oils and an advanced appropriate additives package.

MISR SUPER DUEL PERFORMANCE OIL is blended for ensuring passenger cars engine protection in extremely arduous motoring conditions.

## APPLICATION

MISR SUPER DUEL PERFORMANCE OIL is designed and blended for naturally aspirated and turbocharged passenger car engines equipped to be fuelled by either (Diesel – CNG) or (Gasoline – CNG).

## PERFORMANCE FEATURES

- High thermal stability and oxidation resistance.
- Cleaner engines.
- Low wear – Extended engine life.
- High temperature stability.
- Longer service intervals.

SAE VISCOSITY GRADE

20W / 50

PERFORMANCE LEVEL

API SF / CD



# MISR SPECIAL GAS ENGINE OIL

MISR SPECIAL GAS ENGINE OIL is an ultra high performance oil designed for use in all the engines which are fuelled by CNG or in those using (Diesel – CNG) fuel.

MISR SPECIAL GAS ENGINE OIL is based on a blend of high quality refined mineral oil and an advanced additives package.

MISR SPECIAL GAS ENGINE OIL meets the requirements of most CNG engine manufactures.

## APPLICATION

MISR SPECIAL GAS ENGINE OIL is designed and blended for naturally aspirated and turbocharged passenger car engines equipped to be fuelled by only CNG or even for engines fuelled by (Diesel - CNG).

## PERFORMANCE FEATURES

- Sustained high performance for the life of the vehicle.
- Fuel economy.
- Cleaner engines.
- Low wear – Extended engine life.
- High temperature stability.

### SAE VISCOSITY GRADE

15W/40

30,40

### PERFORMANCE LEVEL

API CF



## 02 | DIESEL ENGINE OILS

MISR UHPD OIL

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MISR SHPD OIL

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MISR DIESEL HDD

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MISR ULTRA MX OIL

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MISR EXTRA MX OIL

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MISR SUPER DEO CG - 4 OIL

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MISR DIESEL ENGINE CF - 4 OIL

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MISR DIESEL ENGINE OIL SUPER X

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MISR SPECIAL DIESEL ENGINE OIL X

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MISR SUPER DIESEL ENGINE OIL HD

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# MISR UHPD OIL

Misr UHPD Oil is the ultimate, fully synthetic diesel engine oil exceeding the most demanding European specifications and meeting the increasing market demand for 'fuel-efficient' oils.

Misr UHPD Oil features a unique developed formulation that is recognized by leading engine builders (MAN- MTU- MB) as offering the best performance available for modern European diesel engines.

## APPLICATIONS

- Ultimate European Diesel Engine Oil Performance in automotive high-speed heavy duty diesel engines built in Europe.
- Particularly suited for use in Daimler Chrysler and MAN Euro II and Euro III engines
- Commercial Road Transport Operations Designed for use in the latest highly rated turbocharged 4-stroke diesel engines under all operating conditions.
- Optimized for Euro II and Euro III engine technology.

## PERFORMANCE FEATURES

- A cleaner engine improves piston cleanliness resulting in a cleaner, more efficient and reliable engine.
- Low wear- Extended engine life
- Superior shear stability which result in Reducing oil consumption and wear protection
- Low volatility
- Lower operating costs through reduced downtime.

### SAE VISCOSITY GRADE

10W / 40

### PERFORMANCE LEVEL

MAN M3277 (approved)
ACEA E7-04
MTU Type 3
Cummins CES 20072
RVI (RXD, RLD, RD-2, RLD-2)
MB. 228.5 (approved)
ACEA E4-99 issue 3
Scania LDF-2
VOLVO VDS-3
DAF extended drain



# MISR SHPD OIL

Misr SHPD Oil is a premium commercial multipurpose engine oil formulated from selected high quality base oils and a superior balanced additive system to meet the severe service demands.

Misr SHPD Oil provide outstanding protection against high temperature engine deposits, oxidation, sludge formation oil degradation, corrosion and valve train wear.

Misr SHPD have excellent low temperature properties which ensure ready oil circulation on start up to prevent wear and stay in grade shear stability to maintain the required viscosity at high operating temperature and severe condition.

Misr SHPD Oil covers OEMs updated requirements extend service interval (ESI), reduce maintenance and operating costs without affecting the engine durability.

Misr SHPD Oil is recommended by OEMs for use in a wide range of heavy-duty applications super charged and turbocharged diesel engines, heavy earth moving, mining, construction equipments and marine engines recommending this high performance oil it is also suitable for gasoline service in mixed diesel gasoline fleets.

## APPLICATIONS

- High performance diesel applications including pre-2007 turbo-charged, low emission engines designs, including those featuring EGR technology
- On highway applications operating in high speed/high load
- Off highway applications operating in severe low speed/heavy load conditions
- High performance gasoline engines and mixed fleet application
- On highway heavy duty trucking and off highway including: construction, mining, and agriculture machinery

## PERFORMANCE FEATURES

- High thermal stability
- Superior oxidation resistant Controls sludge build-up and deposits
- Superior shear stability which result in Reducing oil consumption and wear protection
- Cleaner engines and longer engine life
- Longer gasket and seal life

## SAE VISCOSITY GRADE

15W / 40  
20W / 50

## PERFORMANCE LEVEL

MB.228.3 (APPROVED) -  
15W/ 40  
MAN 3275  
MB 229.1  
Mack EOM Plus  
ACEA E7-04  
ACEA A3-02/B4-02  
VOLVO VDS-2 ,VDS-3



# MISR DIESEL HDD OIL

MISR DIESEL HDD OIL is an ultra high performance diesel engine oil designed for use in all diesel engines

MISR DIESEL HDD OIL is based on a blend of high quality refined mineral oils and an advanced additive package.

MISR DIESEL HDD OIL has been reformulated to meet the rapidly changing market requirements for high performance dedicated diesel engine oils

MISR DIESEL HDD OIL meets the requirements of most diesel engine manufactures

MISR DIESEL HDD OIL is recommended for most diesel engines working in the Egyptian market and is especially dedicated for Mercedes Benz. Mi Diesel HDD Oil is approved by Mercedes Benz (MB 228.1)

## APPLICATIONS

- MISR DIESEL HDD OIL is blended to provide exceptional performance in automotive high speed diesel engines and is particularly suited for Mercedes Benz , Volvo , MTU and MAN engines
- MISR DIESEL HDD OIL is also designed for use in the latest highly rated turbocharged 4-stroke diesel engine and it is to be used under the most arduous conditions

## PERFORMANCE FEATURES

- Low wear
- Outstanding thermal stability and oxidation resistance
- Shear stable
- High temperature stability
- Low operating costs

### SAE VISCOSITY GRADE

15W / 40

### PERFORMANCE LEVEL

MB. 228.1 (approved)

MAN 270 / 271

MTV Type 1



# MISR ULTRA MX OIL

Misr Ultra MX Oil is a high performance diesel engine oil that helps extend engine life in the most severe On and Off- highway applications

Misr Ultra MX Oil is blended to provide extraordinary performance for high speed, four-stroke engines designed to meet 2004 exhaust emission standards implemented in 2002.

Misr Ultra MX Oil is formulated to sustain engine durability where exhaust gas recirculation (EGR) is used

Misr Ultra MX Oil also meets the API SL specification for gasoline engines and mixed fleets.

## APPLICATIONS

- High performance diesel applications including pre-2007 turbo-charged, low emission engines designs, including those featuring EGR technology
- On highway applications operating in high speed/ high load
- Off highway applications operating in severe low speed/ heavy load conditions
- High performance gasoline engines and mixed fleet
- On highway heavy duty trucking and off highway including: construction, mining, and agriculture machinery

## PERFORMANCE FEATURES

- High thermal stability
- Superior oxidation resistant
- Controls sludge build-up and deposits
- Superior shear stability which result in Reducing oil consumption and wear protection
- Cleaner engines and longer engine life
- Longer gasket and seal life

## SAE VISCOSITY GRADE

15W/40

20W/50

## PERFORMANCE LEVEL

API CI-4/SL

Caterpillar ECF-1a

Caterpillar ECF-2

VOLVO VDS-3

MAN M3275

ACEA E7 08

MB. 228.3

Mack E0-M Plus

Global DHD-1

JASO DH-1

MTU Type 2

Cummins CES 20076/77/78

Renault Trucks RLD-2



# MISR EXTRA MX OIL

Misr Extra MX oils are high performance heavy-duty engine oils designed for use in modern high-speed turbocharged engines.

Misr Extra MX use exclusive additive formulations in conjunction with highly refined base oils to deliver longer life and enhanced protection relative to their predecessors.

Misr Extra MX oils have been reformulated for severe duty service in engines specifically designed to meet Euro 3 on-highway exhaust emission standards as well as being suitable for a wide range of heavy- duty off- highway applications.

## SAE VISCOSITY GRADE

15W/40
20W/50

## PERFORMANCE LEVEL

API CH-4 /SJ
VOLVO VDS3
MAN 3275
ACEA E7/08
MTU Catogrey II
MB. 228.3
Mack EOM Plus
ACEA A3/ B4-08

## APPLICATIONS

- Naturally aspirated and turbo-charged diesel powered equipment of European, Japanese, and American manufacturers.
- On-highway light and heavy-duty trucking
- Off-highway industries including: construction, mining, and agriculture

## PERFORMANCE FEATURES

- High thermal stability
- Superior oxidation resistant
- Controls sludge build-up and deposits
- Superior shear stability which result in Reducing oil consumption and wear protection
- Cleaner engines and longer engine life
- Longer gasket and seal life





# MISR SUPER DEO CG – 4 OIL

MISR Super DEO CG-4 is a highly refined mineral oil blended with a new modern technology additive to fulfill the new requirements of the modern new diesel engines.

MISR Super DEO CG-4 maintains a superior performance cover the naturally aspirated and turbocharged diesel engines which can be used in trucks, buses, power generating and earth moving equipments.

MISR Super DEO CG-4 provides superior protection for the engine parts against varnish and other deposit problem, valve train wear and bearing corrosion.

MISR Super DEO CG-4 characterized as very stable oil against high temperature and high oxidation conditions due to its high shear stability condition covering the SAE J300 viscosity properties

## APPLICATION

- Naturally aspirated and turbo-charged diesel powered equipment
- On-highway light and heavy-duty trucking
- Off-highway industries including: construction, mining, and agriculture

### SAE VISCOSITY GRADE

40
10W
15W/40
20W/50

### PERFORMANCE LEVEL

API CG-4 /SJ
VOLVO VDS
Mack EO-L
MAN 271



# MISR DIESEL ENGINE CF - 4 OIL

MISR DIESEL ENGINE CF - 4 OIL is a high performance heavy duty engine lubricant designed for use in all diesel engines.

MISR DIESEL ENGINE CF - 4 OIL is based on a blend of high quality refined mineral oils and an advanced additives package.

MISR DIESEL ENGINE CF - 4 OIL has been reformulated to meet the rapidly changing market requirements for high performance dedicated diesel engine oils.

MISR DIESEL ENGINE CF - 4 OIL meets the U.S. diesel standard API CF - 4 and meets the most diesel engine manufactures. These features make MISR DIESEL ENGINE CF - 4 OIL recommended for most diesel engines working in the Egyptian market.

## APPLICATION

MISR DIESEL ENGINE CF - 4 OIL is blended to provide outstanding lubrication in all 4 - stroke engines. It is also designed for use in road transport and construction industry units. MISR DIESEL ENGINE CF - 4 OIL is recommended for constant high speed or stop start duty on or off the road and is to be used under the most arduous conditions.

## PERFORMANCE FEATURES

- Wide major engine manufactures acceptance.
- Outstanding thermal stability and oxidation resistance.
- Cleaner engines.
- Excellent dispersions.
- High temperature stability properties which ensure ready oil circulation on start-up to prevent wear and extend engine life time.

### SAE VISCOSITY GRADE

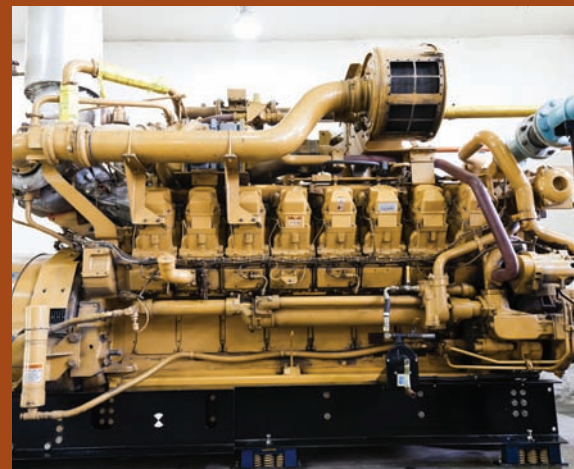
10W - 30 - 40 - 50

15W/40

20W/50

### PERFORMANCE LEVEL

API CF - 4



# MISR DIESEL ENGINE OIL SUPER X

MISR DIESEL ENGINE OIL SUPER X is designed for lubrication of units burning low sulfur distillate fuels. For small and indirect injection diesel engines which power some light commercial vehicles and cars impose high level of combustion contaminant on the oil especially if the duty is intermitted and light.

MISR DIESEL ENGINE OIL SUPER X is ideal for most of these engines for its excellent dispersancy and high resistance to thickening, speeding start up helping flow of oil to vital moving parts.

MISR DIESEL ENGINE OIL SUPER X is suitable for long distance trucking and similar constant speed on road operations.

MISR DIESEL ENGINE OIL SUPER X is not designed specifically for 4 - stroke gasoline engine they may be used for that purpose in certain cases as the case of old fleet with mixed engines.

## APPLICATION

MISR DIESEL ENGINE OIL SUPER X is a high quality diesel engine oil designed for use in high speed, naturally aspirated and moderately rated turbocharged units.

MISR DIESEL ENGINE OIL SUPER X is based on a blend of refined mineral oils and a proper additives package.

## PERFORMANCE FEATURES

- Good engine protection life.
- Outstanding thermal stability and oxidation resistance.
- High TBN retention.
- Controlling engine deposits.

### SAE VISCOSITY GRADE

15W/40

25W/50

10W, 20, 30, 40, 50

### PERFORMANCE LEVEL

API CF / SF

MB.227.0 / 227.1

CAT TO - 2

ALLISON C - 3



# MISR SPECIAL DIESEL ENGINE OIL X

MISR SPECIAL DIESEL ENGINE OIL X is designed for lubrication of units burning low sulfur distillate fuels. For small and indirect injection diesel engines which power some light commercial vehicles and cars impose high level of combustion contaminant on the oil especially if the duty is intermitted and light.

MISR SPECIAL DIESEL ENGINE OIL X is ideal for most of these engines for its excellent dispersancy and high resistance to thickening speeding start up helping flow of oil to vital moving parts.

MISR SPECIAL DIESEL ENGINE OIL X is suitable for long distance trucking and similar constant speed on road operations.

Although MISR SPECIAL DIESEL ENGINE OIL X is not designed specifically for 4 - stroke gasoline engine they may be used for that purpose in certain cases as the case of old fleet with mixed engines.

## APPLICATION

MISR SPECIAL DIESEL ENGINE OIL X is a high quality diesel engine oil designed for use in high speed, naturally aspirated and moderately rated turbocharged units.

MISR SPECIAL DIESEL ENGINE OIL X is based on a blend of mineral oils and proper additives package.

## PERFORMANCE FEATURES

- Good engine protection life.
- Outstanding thermal stability and oxidation resistance.
- High TBN retention.
- Controlling engine deposits.

## SAE VISCOSITY GRADE

10W, 20, 30, 40, 50
15W/40
20W/50
25W/50

## PERFORMANCE LEVEL

API CF/SF
MB. 227.0
MB. 227.1
CAT TO - 2
ALLISON C - 3



# MISR SUPER HD DIESEL ENGINE OIL

**MISR SUPER HD DIESEL ENGINE OIL** is designed for lubrication of less powerful diesel engines such as those found in small trucks, commercial vehicles, vans and certain stationary units.

## APPLICATION

**MISR SUPER HD DIESEL ENGINE OIL** is a good quality diesel engine oil designed for use in the lubrication of small to medium powered, naturally aspirated engines.

## PERFORMANCE FEATURES

- Reliable performance.
- Good engine protection life.

### SAE VISCOSITY GRADE

30, 40, 50  
25W/50

### PERFORMANCE LEVEL

API CD



## 03 | MANUAL AUTOMOTIVE GEAR OILS

MISR SUPER HYPOID OIL

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MISR HYPOID OIL HD

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MISR HYPOID E.P. OIL

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MISR EXTRA SUPER HYPOID OIL

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MISR AUTOMOTIVE GEAR OIL

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MISR SUPER AUTOMOTIVE GEAR OIL

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# MISR SUPER HYPOID OIL

MISR SUPER HYPOID OIL is an extreme pressure lubricant containing multi-functional additives which impart good anti wear, oxidation stability and anti rust characteristics.

MISR SUPER HYPOID OIL is suitable for gears application presenting load - speed conditions of extreme severity such as medium and low speed hypoid axel units.

## APPLICATION

Suitable for heavy duty vehicles including construction machines or buses, and passenger cars which are fitted with limited slip differentials.

## PERFORMANCE FEATURES

Comprehensive additive package, specially selected additives impart good anti wear oxidation stability and anti rust characteristics, oxidation and thermal stability as well as the required coefficient of friction to meet the requirements of limited slip differentials.

### SAE VISCOSITY GRADE

85W

80W/90

85W/90

### PERFORMANCE LEVEL

API GL - 5

MIL - PRF - 2105D



# MISR HYPOID OIL HD

MISR HYPOID OIL HD is an extreme pressure lubricant containing multi-functional additives which impart good anti wear, oxidation stability and rust characteristics.

MISR HYPOID OIL HD is suitable for gear application presenting load – speed condition of extreme severity such as medium and low speed Spur Gear or Helical Gear Units, Spiral – Bevel and Hypoid axel units.

## APPLICATION

Manual Automotive Transmissions.  
Heavy duty rear axel.

## PERFORMANCE FEATURES

Comprehensive additive package, specially selected additives impart good anti wear oxidation stability and anti rust characteristics.

### SAE VISCOSITY GRADE

90

140

### PERFORMANCE LEVEL

API GL - 5

MIL - PRF - 2105 D





# MISR HYPOID E. P. OIL

MISR HYPOID E.P. OIL is a top quality extreme pressure lubricant containing multi-functional additives which impart good anti wear, oxidation stability and anti rust characteristics.

MISR HYPOID E.P. OIL is suitable for gear application presenting load – speed conditions of extreme severity such as medium and low speed Spur Gear or Helical Gear Units, Spiral Bevel and Hypoid Axle Units.

## APPLICATION

Automotive hypoid gear differentials operating Under high speed and/or low speed, high torque conditions.

Heavy - duty, non – synchronized manual transmissions and transaxles requiring this type of lubricant.

## PERFORMANCE FEATURES

Comprehensive additive package, specially selected additives impart good anti wear oxidation stability and anti rust characteristics, oxidation and thermal stability as well as the required coefficient of friction to meet the requirements of limited slip differentials.

### SAE VISCOSITY GRADE

85W

90

140

### PERFORMANCE LEVEL

API GL - 4



# MISR EXTRA SUPER HYPOID OIL

MISR EXTRA SUPER HYPOID OIL is a high performance, multipurpose, thermally stable, EP automotive gear lubricant formulated for applications where API GL – 5 performance is required.

MISR EXTRA SUPER HYPOID OIL is approved by Mercedes Benz Co. (Sheet 235.0 & 235.6).

MISR EXTRA SUPER HYPOID OIL is specially designed to meet the requirements of Mercedes Benz (Sheet 235.0 & 235.6).

## APPLICATION

Automotive hypoid gear differentials operating Under high speed and/or low speed, high torque conditions.

Heavy - duty, non – synchronized manual transmissions and transaxles requiring this type of lubricants.

## PERFORMANCE FEATURES

Comprehensive additive package, specially selected additives impart good anti wear oxidation stability and anti rust characteristics, oxidation and thermal stability as well as the required coefficient of friction to meet the requirements of limited slip differentials.

### SAE VISCOSITY GRADE

85W/90

### PERFORMANCE LEVEL

API GL - 5

MB. 235.6 (Approved)

MIL – PRF – 2105 D



# MISR AUTOMOTIVE GEAR OIL

MISR AUTOMOTIVE GEAR OIL is a highly refined oil containing additive to prevent foam formation and antiwear, anti- corrosion additive.

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MISR AUTOMOTIVE GEAR OIL is recommended for transmission gear in passenger cars, trucks, industrial machines that do not need oils containing extreme pressure additive.

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## APPLICATION

Automotive gears where EP additives are not recommended.

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## PERFORMANCE FEATURES

Specially selected additives impart good foam formation and anti-wear, anti - corrosion properties.

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SAE VISCOSITY GRADE
90
140
250



# MISR SUPER AUTOMOTIVE GEAR OIL

MISR SUPER AUTOMOTIVE GEAR OIL is a highly refined oil containing additive to prevent foam formation and anti - wear, anti-corrosion additive.

MISR SUPER AUTOMOTIVE GEAR OIL is recommended for transmission gear in passenger cars, trucks, industrial machines that need oils containing mild extreme pressure additive.

## APPLICATION

Automotive gears where mild EP additives are recommended.

## PERFORMANCE FEATURES

Specially selected additives impart good foam formation anti - wear, anti - corrosion properties and mild EP additives.

### SAE VISCOSITY GRADE

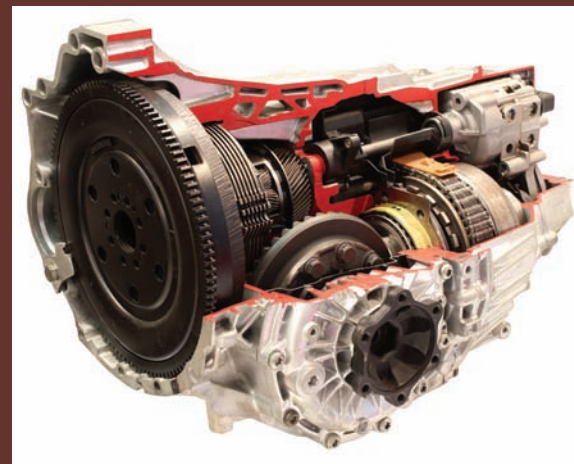
90

140

250

### PERFORMANCE LEVEL

API GL- 3



## 04 | AUTOMOTIVE FLUIDS

AUTOMATIC TRANSMISSION FLUID DEXRON III

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AUTOMATIC TRANSMISSION FLUID DEXRON II

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BRAKE FLUID DOT - 4

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# AUTOMATIC TRANSMISSION FLUID DEXRON III

ATF DEXRON III is a top performance multifunctional automatic transmission fluid.

ATF DEXRON III is qualified by General Motors Corporation. ATF DEXRON III is recommended for all automatic transmission, power steering boxes for Americans, Europeans, Japanese vehicles and other applications where ATF DEXRON III is recommended.

ATF DEXRON III is completely miscible at any proportion with other allied approved DEXRON III fluids.

## APPLICATION

Automatic or semi-automatic transmissions and torque converters of passenger cars, light commercial vehicles and industrial vehicles, when the manufacturer requires an ATF (Automatic Transmission Fluid) GM Dexron® - III

ATF DEXRON III is suitable for use in transmissions of trucks, buses and public works machineries when a fluid type Allison C-4 is required.

## PERFORMANCE LEVEL

DEXRON® - III
ALLISON C - 4
CATERPILLAR TO - 2
FORD MERCON
CHRYSLER 7176D
EATON (FULLER DIVISION)
FORD M2C - 138 - CJM2C166H
DENISON HF - 02/1/
VOITH DIWA TRANSMISSION



# AUTOMATIC TRANSMISSION FLUID DEXRON II

ATF DEXRON II is a highly performance multifunctional automatic transmission fluid.

ATF DEXRON II is recommended for all automatic transmissions, power steering boxes for Americans, Europeans, and Japanese vehicles and other applications where ATF Dexron II is recommended.

ATF DEXRON II is completely miscible at any proportion with other allied approved DEXRON II fluids.

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## APPLICATION

Automatic or semi-automatic transmissions and torque converters of passenger cars, light commercial vehicles and industrial vehicles, when the manufacturer requires an ATF (automatic transmission fluid) GM DEXRON® - II .

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## PERFORMANCE LEVEL

General Motors  
specification 6137 M for  
Dexron II



# BRAKE FLUID DOT - 4

**BRAKE FLUID DOT - 4** is a high performance brake and clutch fluid produced from non - petroleum chemical fluid with a minimum boiling point of 260oC (500 Fahrenheit). It does not affect natural or synthetic rubber.

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**BRAKE FLUID DOT - 4** exceeds SAE 1703 J and meets the U.S. federal motor vehicle safety standards no. 116 Dot - 4.

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## APPLICATION

For use in hydraulic brakes and clutch system of automotive vehicles, compatibles with other Dot - 4 brake fluids.

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PERFORMANCE LEVEL
SAE 1703 J
F.M.V.S.S NO. 116 DOT - 4





## 05 | AUTOMOTIVE GREASES



MISR GENERAL LUBRICATION GREASE

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MISR MULTI - PURPOSE GREASE EP

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MISR MOLY GREASE 2

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MISR MATTAT GREASE 5

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# MISR GENERAL LUBRICATION GREASE

## DESCRIPTION

High quality calcium soap water resistance grease.

Worked penetration @ 25°C 280/310

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## BASE TYPE

Calcium

## APPLICATION

**MISR GENERAL LUBRICATION GREASE** is used for vehicles, lorries and agricultural equipments chassis lubrication, and also for textile equipments.

**MISR GENERAL LUBRICATION GREASE** can be used in some open gears which have high speeds due to its great adhesion force.

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# MISR MULTI - PURPOSE GREASE EP

## DESCRIPTION

Premier quality lithium soap Multi-purpose grease based on high viscosity index mineral oil and contain lead free extreme pressure additives which offer an excellent performance characteristics.

### NLGI GRADE

0 - 1 - 2 - 3

### BASE TYPE

Lithium

## APPLICATION

**MISR MULTI-PURPOSE GREASE EP** is a high temperature Lithium grease incorporating extreme pressure additives, which confirm high load carrying ability.

**MISR MULTI-PURPOSE GREASE EP** is recommended for heavy duty rolling bearing particularly those subjected to shock loads at temperatures up to 120oC. It is suitable for use in the presence of water. Also suitable for heavily loaded plain bearing. It possesses excellent pumping characteristics and is suitable for use in hand operated and automatically operated centralized grease systems.



# MISR MOLY GREASE 2

## DESCRIPTION

High quality lithium soap Multi-purpose grease contain Molybdenum Disulphide which forms an adhering film on metallic surfaces to reduce coefficient of friction and wear under boundary conditions.

MISR MOLY GREASE 2 is Lithium grease incorporating small percentage of molybdenum disulphide and extreme pressure additives, which grants high load carrying ability.

## APPLICATION

Recommended for heavy duty rolling bearing particularly those subjected to shock loads at temperatures up to 100oC. They are suitable for use in the presence of water. Also suitable for heavily loaded plain bearings operated at boundary lubricating conditions, chains, slides and bolts subjected to high temperature operating conditions. And is suitable for use in centralized grease systems.

NLGI GRADE
2
BASE TYPE
Lithium



# MISR MATTAT GREASE 5

## DESCRIPTION

Top quality high mechanical and thermal stable sodium soap grease.

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## APPLICATION

MISR MATTAT GREASE 5 is recommended for use in ball and roller bearings operating under high temperature conditions up to 110°C.

MISR MATTAT GREASE 5 is not recommended for use in the presence of continuous water and high moisture.

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NLGI GRADE
3
BASE TYPE
Sodium



# VISCOSITY CLASSIFICATION EQUIVALENTS

# تصنيفات اللزوجة

