



**Misr Petroleum Company**

# Automotive Products Guide



# CONTENTS

**01| GASOLINE ENGINE OILS ..... 2**

**02| DIESEL ENGINE OILS ..... 10**

**03| MANUAL AUTOMOTIVE GEAR OILS ..... 17**

**04| AUTOMOTIVE FLUIDS ..... 24**

**05| AUTOMOTIVE GREASES ..... 28**

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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.



## 01 | GASOLINE ENGINE OILS

01 | GASOLINE ENGINE OILS

PHOENIX OIL

MISR 1 OIL

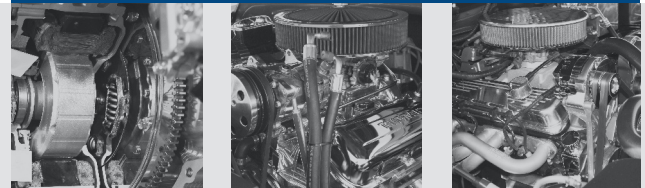
MISR SUPER 10000

MISR SUPER 7500

MISR SUPER HD MOTOR OIL

MISR SUPER DUEL PERFORMANCE OIL

MISR SPECIAL GAS ENGINE OIL



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

#### SAE VISCOSITY GRADE

5W / 40

#### PERFORMANCE LEVEL

|                   |
|-------------------|
| API SM / CF       |
| ACEA A3 / B3 - 04 |
| ACEA A3 / B4 - 04 |
| MB 229.1 / 229.3  |
| PORSCHE           |
| VW 502 / 505      |
| BMW LONGLIFE 98   |
| OPEL GM-LL-B-025  |

#### 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.



**PHOENIX OIL**  
PHOENIX 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.

#### SAE VISCOSITY GRADE

10W / 30

15W / 40

20W / 50

#### PERFORMANCE LEVEL

API SL / CF

#### APPLICATION

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

#### PERFORMANCE FEATURES

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

## MISR 1 OIL



**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 LPG.

# MISR SUPER 10000

## SAE VISCOSITY GRADE

20W / 50

## PERFORMANCE LEVEL

API SJ / CF

## PERFORMANCE FEATURES

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



**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.

#### SAE VISCOSITY GRADE

20W / 50

#### PERFORMANCE LEVEL

API SF / CD

#### APPLICATION

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

#### PERFORMANCE FEATURES

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

## MISR SUPER 7500





**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.

## MISR SUPER HD MOTOR OIL

#### SAE VISCOSITY GRADE

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

#### PERFORMANCE LEVEL

API SF / CD

#### PERFORMANCE FEATURES

- Reliable performance.
- Good engine protection Life.

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

# MISR SUPER DUEL PERFORMANCE OIL

## SAE VISCOSITY GRADE

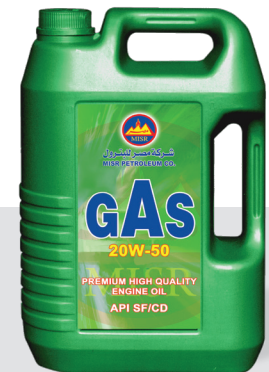
20W / 50

## PERFORMANCE LEVEL

API SF / CD

## PERFORMANCE FEATURES

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



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

## MISR SPECIAL GAS ENGINE OIL

### SAE VISCOSITY GRADE

30,40

### PERFORMANCE LEVEL

API CF

## PERFORMANCE FEATURES

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

**MISR SHPD OIL**

**MISR SUPER DEO CG - 4 OIL**

**MISR DIESEL ENGINE CF - 4**

**MISR DIESEL ENGINE OIL SUPER X**

**MISR SPECIAL DIESEL ENGINE OIL X**

**MISR SUPER DIESEL ENGINE OIL HD**

## **02 | DIESEL ENGINE OILS**

05 | DIESEL ENGINE OILS



**MISR SHPD OIL** is an ultra high performance diesel engine oil designed for use in all diesel engines.

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

**MISR SHPD OIL** has been reformulated to meet the rapidly changing market requirements for high performance dedicated diesel engine oils.

**MISR SHPD OIL** meets and exceeds the requirements of most diesel engine manufactures.

**MISR SHPD OIL** is recommended for most diesel engines working in the Egyptian market and is especially dedicated for modern ones.

## APPLICATION

**MISR SHPD OIL** is blended to provide exceptional performance in automotive high speed diesel engines and is particularly suited for Daimler Chrysler and MAN engines.

**MISR SHPD OIL** is also deigned for use in the latest highly rated turbocharged 4 – stroke diesel engine and it is to be used under the most arduous conditions.

# MISR SHPD OIL

## SAE VISCOSITY GRADE

15W / 40

20W / 50

## PERFORMANCE LEVEL

API CI - 4 / SL

MB.228.3 (APPROVED) - 15W/ 40

MB.229.1

MACK EOM PLUS

VOLVO VDS - 2

MAN 3275

ACEA B4 - 02

CUMMINS CES (20072,20076,20077,20078)

ACEA E7 - 04

## PERFORMANCE FEATURES

- ♥ Low wear – Extended engine life.
- ♥ Outstanding thermal stability and oxidation resistance.
- ♥ Shear stable.
- ♥ High temperature stability.
- ♥ Lower Operating costs.

**MISR SUPER DEO CG - 4 OIL** is high performance heavy duty engine lubricants designed for use in all diesel engines.

**MISR SUPER DEO CG - 4 OIL** is based on a blend of high quality refined mineral oils and an advanced additives package.

**MISR SUPER DEO CG - 4 OIL** has been reformulated to meet the rapidly changing market requirements for high performance dedicated diesel engine oils.

**MISR SUPER DEO CG - 4 OIL** meets the U.S. diesel standard API CG - 4 and meets the requirements of most diesel engine manufactures. These features make **MISR SUPER DEO CG - 4 OIL** recommended for most diesel engines working in the Egyptian market.

## APPLICATION

**MISR SUPER DEO CG - 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 SUPER DEO CG - 4 OIL** is designed to be used under the most arduous conditions

## MISR SUPER DEO CG - 4 OIL

### SAE VISCOSITY GRADE

30 - 40 - 50

10 W

15W/40

20W/50

### PERFORMANCE LEVEL

API CG - 4 & SJ

ACEA B4 - 02 & B3-98 ISSUE 2 & A2 - 96 ISSUE 3

MB. 228.3 & 229.1

MACK EOM PLUS

VOLVO VDS - 2

MAN 271

CUMMINS CES (2007/1, 2007/6)

MTU APPROVED

## PERFORMANCE FEATURES

- Wide major engine manufactures acceptance.
- Outstanding thermal stability and oxidation resistance.
- Cleaner engines.
- Excellent dispersancy.
- High temperature stability.

**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.

# MISR DIESEL ENGINE CF - 4 OIL

## SAE VISCOSITY GRADE

10W - 30 - 40 - 50

15W/40

20W/50

## PERFORMANCE LEVEL

API CF - 4

## PERFORMANCE FEATURES

- Wide major engine manufactures acceptance.
- Outstanding thermal stability and oxidation resistance.
- Cleaner engines.
- Excellent dispersions.
- High temperature stability.

**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.

# MISR DIESEL ENGINE OIL SUPER X

## SAE VISCOSITY GRADE

10W/30

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

## PERFORMANCE FEATURES

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



**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.

## SAE VISCOSITY GRADE

10W, 30, 40, 50

15W/40

25W/50

## PERFORMANCE LEVEL

API CF/SF

MB. 227.0

MB. 227.1

CAT TO - 2

ALLISON C - 3

## PERFORMANCE FEATURES

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

# MISR SPECIAL DIESEL ENGINE OIL X

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

#### SAE VISCOSITY GRADE

30, 40, 50

25W/50

#### PERFORMANCE LEVEL

API CD

#### APPLICATION

**MISR SUPER DIESEL ENGINE OIL HD** 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.

## MISR SUPER DIESEL ENGINE OIL HD

MISR SUPER HYPOID OIL

MISR HYPOID OIL HD

MISR HYPOID E.P. OIL

MISR EXTRA SUPER HYPOID OIL

MISR AUTOMOTIVE GEAR OIL

MISR SUPER AUTOMOTIVE GEAR OIL

## 03 | MANUAL AUTOMOTIVE GEAR OILS

03 | MANUAL AUTOMOTIVE GEAR OILS



**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.

#### SAE VISCOSITY GRADE

85W

80W/90

85W/140

#### PERFORMANCE LEVEL

API GL - 5

MIL - L - 2105D

## 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.

## MISR SUPER HYPOID OIL

MISR SUPER HYPOID OIL



**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.

# MISR HYPOID OIL HD

MISR HYPOID OIL HD

## SAE VISCOSITY GRADE

90

140

## PERFORMANCE LEVEL

API GL - 5

MIL - L - 2105 D

## PERFORMANCE FEATURES

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

**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.

#### SAE VISCOSITY GRADE

85W

90

140

#### PERFORMANCE LEVEL

API GL - 4

#### 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.

## MISR HYPOID E. P. OIL

MISR HYPOID E. P. 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 HYPOLD OIL** is specially designed to meet the requirements of Mercedes Benz (Sheet 235.0 & 235.6).

#### SAE VISCOSITY GRADE

85W/90

#### PERFORMANCE LEVEL

API GL – 5

MB. 235.0

MB. 235.6

MIL – L – 2105 D

#### 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.

## MISR EXTRA SUPER HYPOID OIL

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

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

#### SAE VISCOSITY GRADE

|     |
|-----|
| 90  |
| 140 |
| 250 |

#### APPLICATION

Automotive gears where EP additives are not recommended.

#### PERFORMANCE FEATURES

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

## MISR 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.

#### SAE VISCOSITY GRADE

90

140

250

#### PERFORMANCE LEVEL

API GL- 3

#### 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.

## MISR SUPER AUTOMOTIVE GEAR OIL

**AUTOMATIC TRANSMISSION FLUID  
DEXRON III**

**AUTOMATIC TRANSMISSION FLUID  
DEXRON II**

**BRAKE FLUID DOT - 4**

## **04 | AUTOMOTIVE FLUIDS**

04 | AUTOMOTIVE FLUIDS



**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.

#### PERFORMANCE LEVEL

|                            |
|----------------------------|
| DEXRON® - III              |
| ALLISON C - 4              |
| CATERPILLAR TO - 2         |
| FORD MERCON                |
| CHRYSLER 7176D             |
| EATON (FULLER DIVISION)    |
| FORD M2C - 138 - CJM2C166H |
| DENISON HF - 0/1/2         |
| VOITH DIWA TRANSMISSION    |

#### 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.

## AUTOMATIC TRANSMISSION FLUID DEXRON III

**ATF DEXRON II** is a highly performance multi-functional 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.

#### PERFORMANCE LEVEL

General Motors  
specification 6137 M for  
Dexron II

#### 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 .

## AUTOMATIC TRANSMISSION FLUID DEXRON II

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

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

#### PERFORMANCE LEVEL

SAE 1703 J

F.M.V.S.S NO. 116 DOT - 4

#### APPLICATION

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

## BRAKE FLUID DOT - 4

MISR GENERAL LUBRICATION GREASE

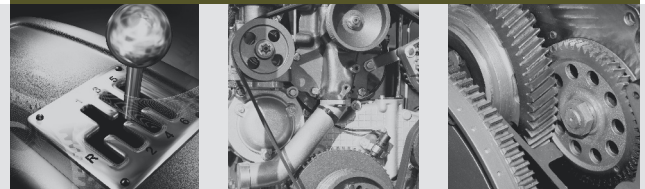
MISR MULTI - PURPOSE GREASE EP

MISR MOLY GREASE 2

MISR MATTAT GREASE 5

05 | AUTOMOTIVE GREASES

02 | AUTOMOTIVE GREASES



## Description

High quality calcium soap water resistance grease.

Worked penetration @ 25°C      280/310

## 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.

# MISR GENERAL LUBRICATION GREASE

## 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 120<sup>0</sup>C. 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 MULTI - PURPOSE GREASE EP



## 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.

### NLGI GRADE

2

### BASE TYPE

Lithium

## APPLICATION

Recommended for heavy duty rolling bearing particularly those subjected to shock loads at temperatures up to 100°C. 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.

# MISR MOLY GREASE 2

## Description

Top quality high mechanical and thermal stable sodium soap grease.

NLGI GRADE

3

BASE TYPE

Sodium

## 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.

## MISR MATTAT GREASE 5