



# *The Ultimate Lube*



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# Company and Its Goals



CITROL Lubricants is an industrial and commercial company, a pioneer in the field of Lubricants, being one of the reputed manufacturer in U A E that is active in the manufacturing and trading of packaged lubricant products. Company's main products are Lubricants, Grease, Brake oil etc.

CITROL is well known for the high quality of its blending and enjoys an enviable reputation in the market for its professionalism and business acumen.

CITROL's ultimate goal is to achieve total customer satisfaction, using its fast and friendly sales network to offer the market premium quality products and services. CITROL will continue always to place special emphasis on the protection and care of the environment, an area in which there can be no compromises.

CITROL was founded in the year 2004 in UAE, a trading hub in the Middle East, built in the strict accordance with the recommendations and guidance of the Ministry of U A E. CITROL has firmly established itself as a leader in the market and through hard work, experience and Endeavour, has continued to move onwards and upwards by:

- ◆ Becoming a technological vanguard in the global field of oil products, recognized as being one of the most advanced and well organized lubricant production units worldwide.
- ◆ Its tenacious entrance into the field of Lubricant trade through a continuously growing dealership network promoting the CITROL Brand.
- ◆ It's Commitment to the environment.



## Technological supremacy



CITROL prides itself on being the sole lubricants production factory in UAE capable of producing all type of lubricants. CITROL Lubricant produce the best quality engine oils, which is carefully formulated and offers a full line of engine oil to meet the specific needs of different engine types and driving condition to provide maximum performance and prolonged engine life. CITROL lubricant utilizes the most advanced formula and technology; the product are tested and proven both in laboratory and field.

# Focus on Quality



CITROL operates on the fundamental principal of achieving high quality in every sector of its activities. CITROL products provide quality guarantees derived from:

CITROL Lubricants has been accredited with the ISO 9001, ISO 14001 certificates which helps ensure that incoming raw materials and outgoing products meet the highest quality standards.

CITROL's scientific and highly specialized personnel who guarantees the quality of the products and services, from the refinery through the delivery of products to the customer.





## Research

The company values its position as market leader. The firm's commitment to its research program enables it to continue and fulfill its aim in offering only the highest level of products and services for the benefit of its customers. The research activities of CITROL beyond the limits of lubricants extend to the sector of environment protection, as far as production and energy management are concerned.

Thus in the factory, CITROL applies:

- ◆ The innovative method of catalytic ethylene transformation
- ◆ An integrated waste management methods
- ◆ A wireless communication system in the industrial automation process

Our employees are highly qualified experts at verifying the product data of lubricants. The laboratory is staffed by experienced, qualified technicians who have an extensive knowledge and understanding of lubricant products and technology and their characteristics. The extensive test equipment we operate at our lab is among the best in the industry. We have developed one of the finest lubricant testing facilities. The capabilities of our laboratory have been instrumental for lubricant design and investigative analysis for our customers. The performance of our specialty lubricants is qualified by a complex system of results from model tests with increasing loads, component or module tests, and finally field tests for special applications. Our analysis engineers cooperate closely with customers and will also perform specific tests requested by them. Our history continues with a tremendous staff, innovative chemistry, proven product quality and outstanding customer service.

A technology advanced manufacturing plant and research laboratory enables us to formulate products for customer's specific production requirements.



# Save Environment

## Protecting the Environment

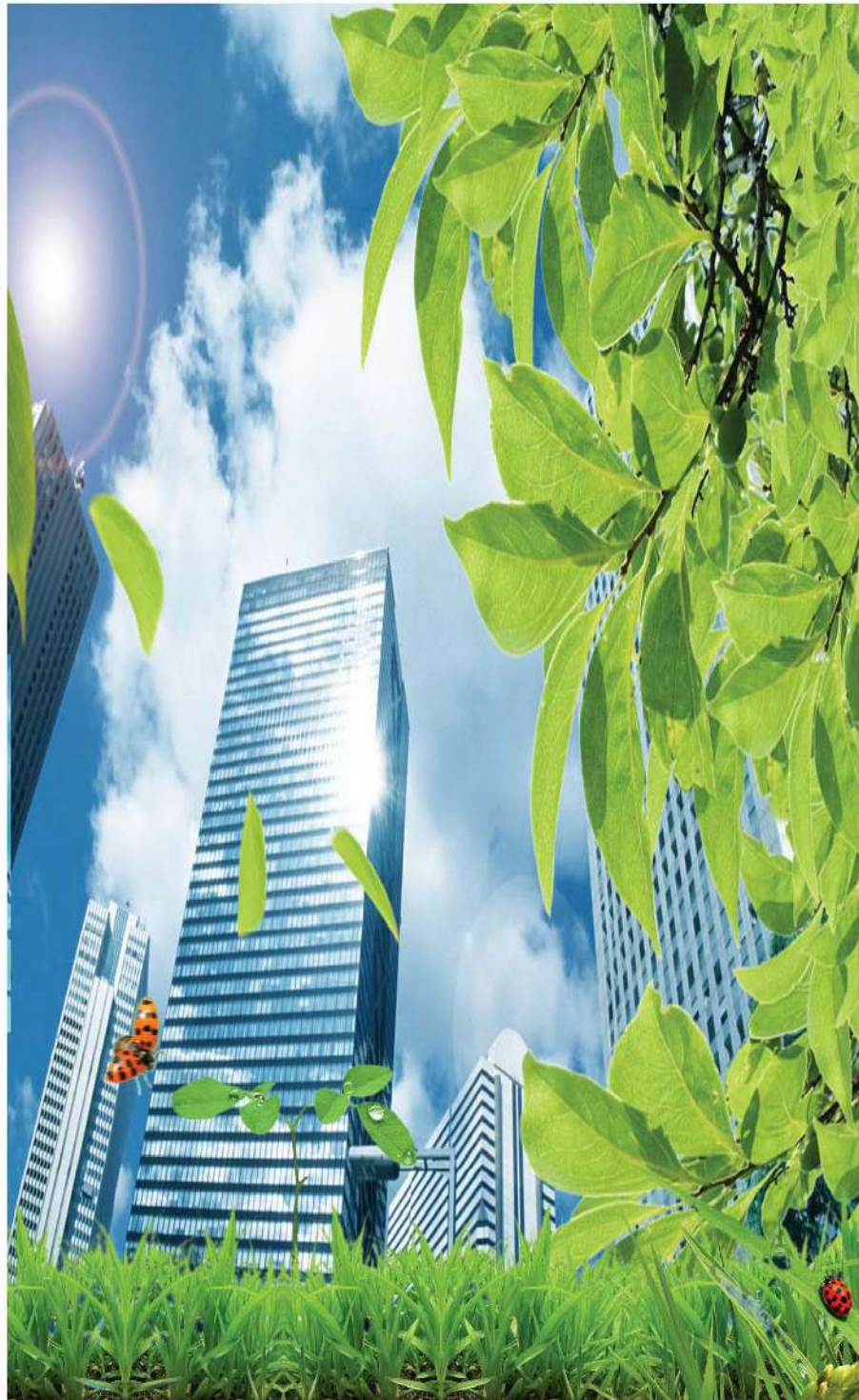
Being fully aware of its responsibility towards the environment, the company uses state of the art methods and implements UAE law and provides a special unit for collecting and a biological treatment system, beyond those required by law, to further reduce the impact of its activities on the environment.

The technology used by the CITROL Lubricants , guarantees the production of quality basic lubricants completely in accordance with international standards. Systematic interventions at the facilities have resulted in the almost complete elimination of industrial waste.

An environmental management system (EMS) that is certified to ISO 14001 bears a "stamp of approval" that enables to stand strong against the competition. By confirming the company as a reputable supplier, EMS certification bring new business opportunities.

At CITROL when we work towards environmental certification, we systematically deal with our business's impacts on the environment and identify cost effective alternatives. ISO 14001 helps our organization to develop processes to lower energy and raw materials use, reduce waste and pollution, and mitigate risks of accidents and emergency situations. Our operation will not only be environmentally friendly, it will also be more profitable and efficient.

CITROL proves in practice its interest in the environment and the natural wealth of UAE.



# Commercial Activities

The CITROL trademark has for over nine years been synonymous with reliability and technical excellence. It is one of the principal household names in the oil products market. The company has achieved dynamic growth internationally, in many African, Middle East and Asian Countries. CITROL's trademark is determined by quality and dynamic parameters. CITROL is the result of an important investment on quality which is developed by local capital and the use of modern technology, targeting an important position in the petroleum industry in U A E. CITROL Markets a great variety of pioneering products and services. CITROL accomplishes its production and commercial activities with absolute respect for the environment .

Studying the market trends, we always keep a track of our customer's changing requirements and ensure them a wide range of products and services in tune with current market trends, technical and commercial demands. Our highly skilled technical team liaises continuously with original equipment manufacturers and raw material suppliers to develop new technology for the market place in advance of our customer's requirements. This expertise is used to guide our sales teams and in turn provide our customers with valuable data that can be used to shape their inventories by contributing to their decision making processes.

At CITROL we have an efficient container loading system, avoiding shipping empty space, optimizing the delivery route & reducing shipping costs by using appropriate handling methods and by creating export documentation in advance and communicating results/schedules with customers.







# Targets and Developments

CITROL Lubricants has an ergonomically designed state art of production plant to handle high influx of customer demands without compromising on quality. CITROL Lubricants provides solution for a wide variety of applications, enabling efficient supply and marketing to minimize capital expenses and improve consistency in this competitive market and remain committed to working with our customers individually for their satisfaction.

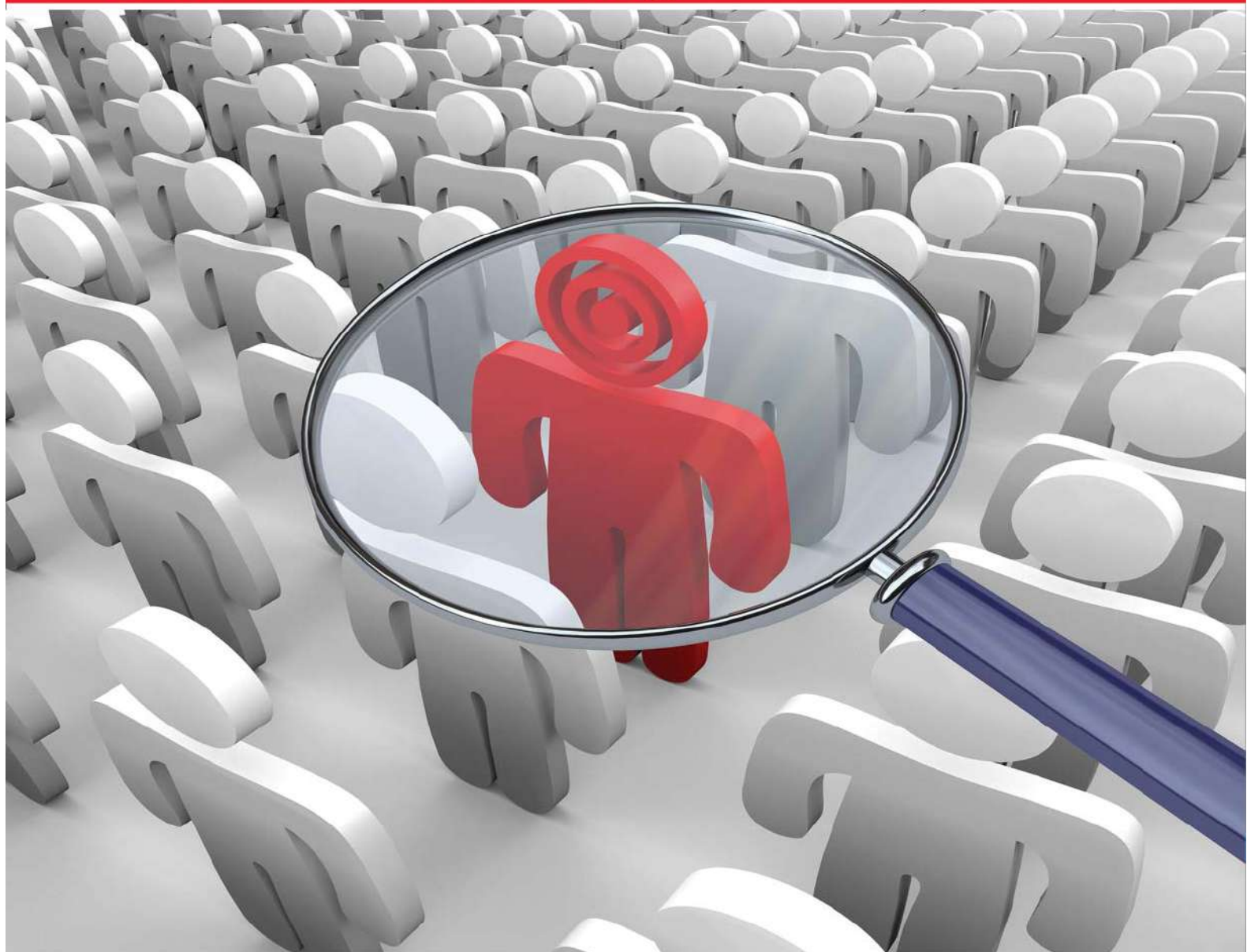
The increasing popularity of low emission engine designs have resulted in the development of new technology engine oils that must be used where after-treatment devices are fitted and a correctly formulated engine oil will ensure the effective operation of the engine. Modern transmissions, whether they are manual or automatic, must cope with a variety of conditions such as power, road conditions and drivers, but still provide maximum performance and component protection.

The **"Ultimate Lube"** motto ensures right solutions for our customers every time.

CITROL Lubricants produce the best quality motor oils, which is carefully formulates and offers a full line of motor oil to meet the specific needs of different engine types and driving condition to provide maximum performance and prolonged engine life. CITROL lubricants utilize the most advanced formula and technology; the product are tested and proven both in laboratory and field. The plant is highly flexible and responsive to customers need.



## Human resources/ Training



The company today directly employs a total of 100 employees, comprised of highly trained and experienced researches, engineers, technicians, economists and managers. In addition, its extensive sales network and representatives throughout U A E , Africa and Asia , ensures both market growth and efficient support for the products. CITROL invests in its human resources and all company employees are dedicated professionals of high educational achievements.

CITROL is proud of its dynamic, motivated work force and ensures that they are kept fully updated of technological and economic innovation by arranging specifically designed educational and professional courses and seminars. CITROL's scientific personnel is therefore not only very experienced but also market-conscious and highly adaptable, able to face and find solutions to a wide range of work related tasks and problems.



## Products



CITROL offers a wide range of products embracing the latest lubricant technology for modern engine and transmission designs.

- ◆ Premium Motor Oil
- ◆ Diesel Engine Oil
- ◆ Gear Oil
- ◆ Automatic Transmission Fluid
- ◆ Brake Oil
- ◆ Grease
- ◆ Marine Engine Oil
- ◆ Hydraulic Oil

Each class of product is available in bulk and standard packing according to customer's requirements.

So CITROL is the only choice for Customers seeking Innovative, Transparent, Rational and Organized Lubricant manufacturer.

# Fully Synthetic Motor Oil

## DESCRIPTION

CITROL SYNTHETIC MOTOR OILS are ultra modern fully synthetic motor oil for normally aspirated, turbo charged petrol engines, diesel engines in passenger cars, and is suitable for all driving conditions. It is miscible with all synthetic and mineral based engine oils. It is excellently applicable for long oil changing intervals and for motors with direct injection.

CITROL SYNTHETIC MOTOR OILS are manufactured specifically to stand up to the severe conditions under which conventional oils might falter. They possess viscosity characteristics superior to those of mineral oils. The resulting lubricants have a molecular structure that meet and often exceed manufacturers' criteria for high-performance engines.

Among the many performance advantages that synthetic oils offer is their ability to remain stable at high temperatures (under which conventional oils begin to break down) and remain fluid at low temperatures (upto -50 °C) under which conventional oils begin to thicken). This provides optimum lubrication at extreme temperatures, reducing wear for a cleaner, more efficient engine.

## APPLICATION

CITROL SYNTHETIC MOTOR oils are recommended for all type of new generation imported passenger cars using petrol.

## PERFORMANCE STANDARDS

Meets the following specifications:

API SL/CF  
US MIL-L-46152E  
ACEA 2004 : A3/B4



## TECHNICAL DATA

S.NO	CHARACTERISTICS	SAE 0W/30	SAE 5W/40	SAE 10W40
1	Sp.gravity @ 15 °C	0.83	0.849	0.87
2	K.Viscosity @ 40° C	69	85	103
3	K.Viscosity @ 100° C	12.18	14	15
4	Flash point, coc, min° C	220	221	226
5	Viscosity Index	170	170	150
6	Pour Point, ° C	-54	-42	-35
7	TBN, mg of KOH/gm	8.8	10	11

**Packing :** 1 Ltr    5Ltr    20 Ltr    208 Ltr

# CITROL HITEC

## DESCRIPTION

CITROL HITEC SF/CD oils are long life, high performance fuel economy engine oil for new generation petrol and diesel vehicles. These oils are blended from high viscosity index base stocks and contain additives to meet the highest quality performance standard

## APPLICATION

CITROL HITEC SF/CD oils are recommended for all type of new generation imported passenger cars using petrol.

Viscometrics SAE 20W-50

## PERFORMANCE BENEFITS

- ◆ Superior performance in terms of improved oil and engine life.
- ◆ Less oil thickening, better deposit control.
- ◆ Excellent Engine Cleanliness.
- ◆ Catalytic Convertor Compatible.

## PERFORMANCE STANDARDS

- ◆ API SF in gasoline and API CD in diesel service.
- ◆ ACEA A3/B3 – 96, VW 500.00/505.00, MB 229.1
- ◆ Fuel economy standards API EC II & EC I.



## TECHNICAL DATA

S.NO	CHARACTERISTICS	SAE 20W-50
1	Sp.gravity @ 15 ° C	0.893
2	K.Viscosity @ 40° C	170
3	K.Viscosity @ 100° C	19
4	Flash point ,coc, ° C	248
5	Viscosity Index	120
6	Pour Point, ° C	-27
7	TBN	5.6

**Packing :** 1 Ltr   4Ltr   5Ltr   20 Ltr   208 Ltr

## DESCRIPTION

CITROL POWER CI-4 is premium commercial multipurpose diesel engine oil. The oil is designed for the most severe performance requirements of new generation diesel engines for on and off highway operations. It assures outstanding protection against high temperature engine deposits, oil degradation, and oil thickening and corrosion resistance. The oil is having excellent shear stability to maintain viscosity under severe, high temperature operations. It exhibits outstanding control on soot induced thickening and soot induced wear.

## APPLICATION

CITROL POWER CI-4 is recommended for new generation commercial diesel vehicles of both American and European design such as Caterpillar and Cummins operating on Heavy duty on-highway and off-highway equipments. It is tailored to the lubrication requirements of engines complying to EURO III. It is especially compounded for use with diesel fuel ranging in sulphur content up to 0.5% by wt.

## PERFORMANCE BENEFITS

- ◆ Reduced engine scuffing and bore polishing.
- ◆ High engine cleanliness.
- ◆ Maximum protection from wear and deposits.
- ◆ Suitable for mixed fleet operation.
- ◆ Improved control of oil consumption.
- ◆ Easier cold starting.
- ◆ Excellent all weather performance due to improved cold weather properties.
- ◆ Has the potential to doubled the oil drain intervals compared to current diesel engine oils.

## PERFORMANCE STANDARDS

- ◆ API CI-4
- ◆ MB 228.3
- ◆ MACK EO-M Plus
- ◆ MAN 3275
- ◆ VOLVO VDS-2
- ◆ Cummins CES 20076
- ◆ ACEA E3-96

## Viscometrics : SAE 15W-40

### TECHNICAL DATA

S.NO	CHARACTERISTICS	SAE 15W/40
1	Sp.gravity @ 15° C	0.886
2	K.Viscosity @ 40° C	110
3	K.Viscosity @ 100° C	14.5
4	Flash point, coc, ° C	220
5	Viscosity Index	135
6	Pour Point, ° C	-30
7	TBN ,mg of KOH/gm	10.5



**Packing :** 1 Ltr   4Ltr   5Ltr   20 Ltr   208 Ltr

# CITROL PREMIUM MOTOR OIL SAE 40 & 50

## DESCRIPTION

CITROL PREMIUM MOTOR OIL SAE 40 & 50 mono grade Oils are blended from highly refined base stocks and balanced additive package containing shear stable VI improver, metallic detergent dispersant and anti-oxidant. These oils are formulated to meet lubrication requirements of both gasoline and diesel engines.

## APPLICATION

CITROL PREMIUM MOTOR OIL SAE 40 & 50 mono grade oils are recommended for

- Modern passenger cars
- Naturally aspirated diesel engines operating under severe conditions.
- Supercharged diesel engines
- Vehicles encountering continuous start-stop operation.

## PERFORMANCE BENEFITS

- Enable easy low temperature starting
- Minimize fuel and oil consumption
- Give longer battery life
- Provide maximum protection to engine parts against rust and corrosion
- Give good high and low temperature performance in the engine
- Minimize wear of engine parts
- Ensure system cleanliness by holding contaminants in finely dispersed state

## PERFORMANCE STANDARDS

Meets the following specifications:

- API SC/CC
- US MIL-L-2104B
- E-PL 1/E-DL 1 of IS: 13656-2002

## Viscometrics : SAE 40 & SAE 50

### TECHNICAL DATA

S.NO	CHARACTERISTICS	SAE 40	SAE 50
1	Sp.gravity @ 15 °C	0.889	0.901
2	K.Viscosity @ 40° C	160	220
3	K.Viscosity @ 100° C	15.5	19
4	Flash point, coc, °C	254	268
5	Viscosity Index	98	97
6	Pour Point, °C	-6	-6
7	TBN, mg of KOH/gm	4	4.5

**Packing :** 1 Ltr 4Ltr 5Ltr 20 Ltr 208 Ltr



# CITROL DIESEL ENGINE OIL SAE 40 & 50

## DESCRIPTION

CITROL DIESEL ENGINE OIL SAE 40&50 oils are heavy duty diesel engine oils, and are blended from highly refined, high viscosity index base stocks and contain appropriate dosages of detergent-dispersant and antioxidant additives to meet the stated performance standards.

## APPLICATION

CITROL DIESEL ENGINE OIL SAE 40&50 oils are recommended for all classes of supercharged diesel engines of high speed, high output such as those in:

- ◆ Heavy duty diesel vehicles / Tractors
- ◆ Earth moving / Off-highway equipment
- ◆ Transmission systems of Caterpillar equipment
- ◆ Large generating sets

CITROL DIESEL ENGINE OIL SAE 40&50 meets the requirements of hydraulic fluid Type C2 specification of Detroit Diesel Allison, Division of General Motors Corporation, USA.

## PERFORMANCE BENEFITS

CITROL DIESEL ENGINE OIL SAE 40&50 oils

- ◆ Effectively combat the deleterious products of combustion associated with high sulphur fuels, thus minimizing deposits and wear.
- ◆ Maintain excellent engine cleanliness.
- ◆ Minimize deposits resulting from high output, low speed, low temperature operations.
- ◆ Provide excellent control of cold sludge and corrosive wear.
- ◆ Possess excellent oxidation stability ensuring long service life especially in transmission systems.

## PERFORMANCE STANDARDS

CITROL DIESEL ENGINE OIL SAE 40&50 oils meet the following specifications:

- ◆ API CC/SC
- ◆ US MIL-L-45199B
- ◆ Caterpillar Series 3
- ◆ E-DL 2 of IS:13656-2002 specifications

## Viscometrics SAE 40, SAE 50

### TECHNICAL DATA

S.NO	CHARACTERISTICS	SAE 40	SAE 50
1	Sp.gravity @ 15°C	0.880	0.900
2	K.Viscosity @ 40°C	160	220
3	K.Viscosity @ 100°C	15.5	19
4	Flash point, coc,°C	250	265
5	Viscosity Index	98	97
6	Pour Point, °C	-6	-6
7	TBN, mg of KOH/gm	4.5	4.5



**Packing :** 1 Ltr 4Ltr 5Ltr 20 Ltr 208 Ltr



## CITROL GEAR OIL SAE 90 & 140

### DESCRIPTION

CITROL GEAR OIL SAE 90 & 140 oils are extreme pressure hypoid gear oil. This oil is blended from selected base stocks and contain specific additive package to provide extreme pressure, anti wear characteristics

### APPLICATION

CITROL GEAR OIL SAE 90 & 140 oils are recommended for passenger car, bus and highway truck hypoid, spiral bevel and worm gear axles and also manual transmission for which an extreme pressure gear lubricant of this type is required. CITROL GEAR OIL SAE 90 & 140 is specially designed for power transmission units of vehicles operating at sub-zero temperatures

### PERFORMANCE BENEFITS

- ◆ Satisfy the lubrication requirements of a wide variety of gears.
- ◆ Provide protection against wear, due to good EP characteristics
- ◆ Give long service life even under high temperature operation since it has excellent oxidation stability.
- ◆ Provide good protection against corrosion.

### PERFORMANCE STANDARDS

- ◆ API Service GL 5
- ◆ IS: 1118-1992
- ◆ US MIL-L 2105

### Viscometrics SAE 90, SAE 140

<b>Packing :</b>	<b>1 Ltr</b>	<b>4Ltr</b>	<b>5Ltr</b>	<b>20 Ltr</b>	<b>208 Ltr</b>
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### TECHNICAL DATA

S.NO	CHARACTERISTICS	SAE 40	SAE 50
1	Sp.gravity @ 15 ° C	0.900	0.915
2	K.Viscosity @ 40° C	220	460
3	K.Viscosity @ 100° C	19	31
4	Flash point ,coc, ° C	268	292
5	Viscosity Index	97	95
6	Pour Point, ° C	-6	-6

## CITROL 2T ENGINE OIL

### DESCRIPTION

CITROL 2T ENGINE OIL is low smoke semi-synthetic two stroke engine oil developed to meet the critical requirements of high performance two stroke engines manufactured by leading auto makers. It is blended from selected base stocks and additives to minimize spark plug fouling and pre ignition, prevent rusting, minimize deposit formation and provide protection against seizure, scuffing and wear. It contains a diluents for easy mixing with gasoline. CITROL 2T PERFECT is green dyed product.

### APPLICATION

CITROL 2T ENGINE OIL is recommended for lubrication of scooters, auto rickshaws, motorcycles and mopeds operating on two stroke engines. (The recommended dosage of CITROL 2T Supreme is 20 ml of oil per liters of petrol.)

### PERFORMANCE BENEFITS

- ◆ Low exhaust smoke
- ◆ Maintains engine cleanliness
- ◆ Minimizes spark plug fouling
- ◆ Reduces port deposits and ring sticking
- ◆ Prevents seizure and scuffing
- ◆ Is easily pump able by oil injection system

### PERFORMANCE STANDARDS

- ◆ JASO FC specifications.
- ◆ API TC Specification

<b>Packing :</b>	<b>1 Ltr</b>	<b>4 Ltr</b>	<b>208 Ltr</b>
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### TECHNICAL DATA

S.NO	CHARACTERISTICS	TYPICAL VALUE
1	Sp.gravity @ 15°C	0.88
2	K.Viscosity @ 40°C	96
3	K.Viscosity @ 100°C	11.5
4	Flash point, coc, °C	110
5	Viscosity Index	113
6	Pour Point, °C	-20
7	TBN,mg of KOH/gm	2.5

# CITROL 4T ENGINE OIL

## DESCRIPTION

CITROL 4T ENGINE OIL is high performance engine oil for 4 stroke 2/3 wheelers. This oil is blended from high viscosity index base stocks and contains additives to meet the stated performance standards.

## APPLICATION

CITROL 4T ENGINE OIL is recommended for new generation 4 stroke motorcycles, scooters and auto rickshaws.

## PERFORMANCE BENEFITS

- ◆ Maximum power output.
- ◆ Superior performance in terms of oxidation stability.
- ◆ Excellent wear protection at high temperatures and severe operating conditions.
- ◆ Outstanding overall engine cleanliness.
- ◆ Enhanced engine life.
- ◆ Higher fuel efficiency.
- ◆ Potential oil drain period of 5000 Kms

## PERFORMANCE STANDARDS

- ◆ API SM / JASO MA 2

## Viscometrics SAE 20W-40

**Packing :** 1 Ltr 208 Ltr



## TECHNICAL DATA

S.NO	CHARACTERISTICS	SAE 20W/40
1	Sp.gravity @ 15 °C	0.884
2	K.Viscosity @ 40° C	140
3	K.Viscosity @ 100° C	15.5
4	Flash point, coc, °C	242
5	Viscosity Index	110
6	Pour Point, °C	-15
7	TBN ,mg of KOH/gm	10

# CITROL HYDRAULIC OIL

## DESCRIPTION

CITROL HYDRAULIC OIL is an anti-wear hydraulic and circulation oil specially formulated for efficient lubrication of a wide variety of hydraulic power packs industrial equipment. CITROL HYDRAULIC OIL is blended from highly refined base stocks and carefully selected antioxidant, anti-wear, anti-rust and anti-foam additives

## APPLICATION

CITROL HYDRAULIC OIL is recommended as fluid media for all type of hydraulic systems.

## PERFORMANCE BENEFITS

- ◆ Provides good wear- protection, thereby prolonging service life of moving parts
- ◆ Possess high film strength properties which help minimize friction and wear
- ◆ Provide rust-protection, to reduce the incidence of corrosion
- ◆ Have excellent resistance to oxidation thereby giving long service life
- ◆ Have reduced tendency to foam thereby minimize the chance of noisy operation and erratic actuator response

## PERFORMANCE STANDARDS

- ◆ VICKERS M-2950-S/1-286-S3  
DIN 51524 PART 2

**Packing :** 5Ltr 20 Ltr 208 Ltr



## TECHNICAL DATA

S.NO	CHARACTERISTICS	HYD 32	HYD 68
1	Sp.gravity @ 15 °C	0.872	0.879
2	K.Viscosity @ 40° C	36	67.5
3	K.Viscosity @ 100° C	6.1	8.7
4	Flash point ,coc, °C	215	232
5	Viscosity Index	100	100
6	Pour Point, °C	-9	-9
7	PUMP TEST	PASS	PASS

# CITROL ATF

## DESCRIPTION

CITROL ATF is formulated to meet the General Motor's automatic transmission fluid Type A Suffix A specification. This fluid imparts antioxidation, anti-wear, dispersancy, defoaming and desired friction characteristics. Due to its high viscosity index and low pour point it assures quiet and smooth operation of hydraulic equipment under all climatic conditions. It is a fluid with low co-efficient of friction thus permitting clutch plates to engage slowly and gradually as the transmission shifts. The fluid is compatible with seal materials, generally used in transmission systems.

## APPLICATION

CITROL ATF is recommended for automatic transmissions and power steering units of automobiles and light trucks, where the manufacturer specifies Type A Suffix A fluid. It is also recommended for synchromesh gear boxes.

## PERFORMANCE BENEFITS

- ◆ Provides smooth, chatter-free clutch engagement and keeps automatic transmissions operating smoothly
- ◆ Ensures long trouble free life of gears, bearings and other lubricated parts
- ◆ Minimizes formation of sludge and varnish, thus maintains the system clean
- ◆ Protects parts against rusting even during idle period.

## PERFORMANCE STANDARDS

- ◆ General Motor's Type A suffix A
- ◆ Daimler Benz DBL 6623-10
- ◆ TES-122 of DDA, a Division of GM, USA
- ◆ TEMPL 03 of ZF, West Germany

## TECHNICAL DATA

S.NO	CHARACTERISTICS	TYPICAL VALUE
1	Sp.gravity @ 15 ° C	0.875
2	K.Viscosity @ 40° C,cSt	47.5
3	K.Viscosity @ 100° C, cSt	7.20
4	Flash point ,coc, ° C	220
5	Viscosity Index	130
6	Pour Point, ° C	-27

**Packing :** 1 Ltr 4Ltr 5Ltr 20 Ltr 208 Ltr



## OCEANIC 2T

### DESCRIPTION

CITROL 2T oil is produced from highly refined paraffinic oil and ash less additives, to meet the lubrication requirements of high performance 2 stroke gasoline engines. It is pre diluted to assist easier mixing in all seasons. Oil to fuel ratio should be adjusted according to manufacturer's recommendation

### APPLICATION

CITROL 2T is highly recommended for all type of outboard engines



### PERFORMANCE STANDARDS

API TC-W

**Packing :** 5Ltr    208 Ltr

### TECHNICAL DATA

S.NO	CHARACTERISTICS	TYPICAL VALUE
1	Sp.gravity @ 15°C	0.875
2	K.Viscosity @ 40°C	48
3	K.Viscosity @ 100°C	7.4
4	Flash point, coc,°C	120
5	Pour Point, °C	-18

## CITROL MP3

### DESCRIPTION

CITROL MP3 is premium quality lithium soap, multi-purpose automotive grease, with high drop point, good thermal and structural stability and also having resistance against water wash out. With its smooth structure and high degree of resistance against oxidation and rusting/corrosion it is an ideal product for all grease lubricated parts of automotive equipment.

### APPLICATION

CITROL MP3 is recommended for water pump, chassis fittings, slack adjuster, shackle pins, pedal shafts, etc of automobile vehicles



### PERFORMANCE BENEFITS

- ◆ Provides excellent resistance to structural and consistency changes, over wide range of temperatures but remains in place despite severe working or sustained shock impact
- ◆ Has an excellent low and high temperature property. It can be dispensed at low temperatures and will maintain adequate stay-put property at the higher temperatures encountered in service
- ◆ Resists effectively, water wash out in use, assuring adequate lubrication over extended service periods
- ◆ Provides resistance to oxidation, rust and corrosion.

### TECHNICAL DATA

### PERFORMANCE STANDARDS

- ◆ DIN 51502
- ◆ IS: 12203:1987 (Reaffirmed 1993)
- ◆ NLGI 3

**Packing :** 500 gsm    1 kg    15 kgs.

S.NO	CHARACTERISTICS	TYPICAL VALUE
1	NLGI Consistency	3
2	Range of use, ° C	-20 to 52
3	Dropping point, °C	90
4	Worked Penetration @ 25 °C, dmm	235
5	Appearance	Clear and bright

## CITROL WBG

### DESCRIPTION

CITROL WBG is developed for wheel bearing lubrication of all automotive vehicles. It is a premium quality, lithium soap, multipurpose grease. The grease is manufactured from high viscosity index base oils and select additives with superior performance benefits.

### APPLICATION

This grease is specially developed for the lubrication of antifriction bearings of automotive Vehicles to give longer service life. The grease has been evaluated for wheel bearing applications for automotive purposes.



### PERFORMANCE BENEFITS

- Excellent resistance to water washout
- Superior oxidation and structural stability
- High degree of antirust and anticorrosion properties.
- Give outstanding performance under varying operating conditions.
- Suitable for lubrication under sub-zero (-25°C) to reasonably high (140°C) temperature conditions.

### PERFORMANCE STANDARDS

- DIN 51502
- IS: 12203:1987 (Reaffirmed 1993)
- NLGI 2

**Packing :** 250 Gram 500 Gram

### TECHNICAL DATA

S.NO	CHARACTERISTICS	TYPICAL VALUE
1	NLGI Consistency	2
2	Range of use, °C	-10 to 160
3	Dropping point, °C	190
4	Worked Penetration @ 25 °C, dmm	265-295
5	Appearance	Clear and bright

## CITROL BRAKE FLUID (HEAVY DUTY)

### DESCRIPTION

CITROL HEAVY DUTY BRAKE FLUID is a high quality non mineral fluid based on glycol ethers; especially develop for hydraulic brake system. These fluids are visible with other fluids of similar base and specifications.

### PERFORMANCE STANDARDS

FMVSS NO.116 DOT-3  
SAE J 1703  
ISO 4925

### TECHNICAL DATA

S.NO	CHARACTERISTICS	TYPICAL VALUE
1	Sp.gravity @15°C, kg/l	1.03
2	K.viscosity @-40°C, cSt	1150
3	Viscosity @ 100°C, cSt	1.8
4	Equilibrium reflux boiling point, °C	240
5	PH value	9
6	Wet boiling point, °C	145

### PERFORMANCE BENEFITS

- Long-term rust and corrosion protection
- Adequate viscosity at normal and high temperature
- High boiling point to resist vapor lock even at high temp
- Outstanding water versatility ensures a long-term brake system safety
- Good oxidation and thermal stability

**Packing :** 250 ML 500 ML









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