



By Global Lubricant Industry LLC

www.globallubricant.com

ABOUT US



Global Lubricant Industry LLC is a leading lubricant manufacturer established since 2006 in Ajman Al Jurf Industrial Area, in United Arab Emirates. In the year of 2015, the new qualified team developed and updated the plant with the latest technology and equipment in the laboratory to achieve highest quality control. The plant has a capacity of 35,000 MT per annum for blending and filling of different types of lubricants and greases for automotive and industrial purposes. The low cycle time automatic filling machines, competitive operational cost and experienced staff lead the company close to its customers.

The plant is certified for Integrated Management System (IMS) from reputed accredited bodies which includes ISO 9001:2015, ISO 14001:2015 and OHSAS 18001:2007.

Nowadays, **Global Lubricant Industry LLC** stands as one of the major lubricant manufacturing companies in GCC by having the distributors over 45 countries (Africa, America, Asia, GCC and Europe) around the world. The company can be differentiated by its quality of products, excellent service and the commitment to the customers, and totally believe as professionals on business cycle, that is why each customer is treated as partner, with care.

Global Lubricant Industry LLC is also providing private label services. Nowadays, more than 200 private brands trust the firm not only for the manufacturing of the goods, but also for the designing, marketing and quality control over their products.

MISSION

Our mission is to provide the most reliable lubrication service to each of our customers in close partnership with them, to help improve their profitability and efficiency by providing the most cost effective package, using all our resources, monitoring and innovative technology.

VISION

Our vision is to become GCC's leading manufacturer of high-quality lubricants and associated products. Through the pursuit of service and technical excellence, we aim to continuously meet and exceed the demands placed upon us by our customers and wish to increase our market presence worldwide .

VALUES

- FIDELITY:** We believe in building long term relationship with our customers and in career growth for our staff.
- INTEGRITY:** Doing business with integrity has always been at the heart of our corporate responsibility commitments.
- SUSTAINABILITY:** We stand for sustainable development and commit to doing business in an economically, ecologically and socially responsible way.



DIESEL ENGINE OIL



Description

BENZOL Diesel Engine Oil is a premium quality heavy duty lubricant designed specifically to meet wide range of diesel engines. The oil is blended with high quality base oils which incorporate with advanced additive packages in order to provide extended drain interval with full performance satisfaction on road and off road engine under moderate to severe service conditions.

Application

It is formulated for use in all types of Diesel Engines such as Truck, Bus, MUV, Taxi, Tractor, Pump set & Diesel Generator.

Benefits

- Efficient lubricating power in order to reduce friction over a wide range of operating temperature
- Protects against soot, varnish, and sludge formation
- Highly effective control over wear, corrosion and rust
- Exceptional resistance to oxidation and foaming
- Excellent detergency and dispersive properties which ensure a clean engine
- Improved protection during start-up by maintaining protective oil film

Technical Specifications

S. No	Test Description	Test Method	Results								
			40	50	5W30	10W30	5W40	10W40	15W40	20W40	20W50
	SAE Grade		40	50	5W30	10W30	5W40	10W40	15W40	20W40	20W50
1	Appearance	Visual	C & B	C & B	C & B	C & B	C & B	C & B	C & B	C & B	C & B
2	Color	ASTM-D1500	2	<2.5	<2	<2	2	2	2,5	2,5	2,5
3	Viscosity @ 40 °C, cst	ASTM-D445	148,2	225,3	80,65	90,96	116,2	133,6	137,7	142,2	225,9
4	Viscosity @ 100 °C, cst	ASTM-D445	16,23	21,29	12,05	12,31	15,51	15,91	16,17	15,77	20,95
5	Viscosity Index	ASTM-D2270	116	113	145	130	141	126	125	116	110
6	Pour Point, °C	ASTM-D97	-8	-9	-41	-36	-42	-37	-33	-25	-28
7	Flash Point, °C (COC)	ASTM-D92	238	240	218	220	222	225	226	229	230
8	Water in Petroleum Products	ASTM-D95	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
9	Density @ 15 °C, Kg/L	ASTM-D1298	0,883	0,885	0,871	0,876	0,875	0,877	0,879	0,881	0,886
10	TBN, mg KOH/g	ASTM-D2896	6	7	11	10,5	11,5	11	12	11	11

Packing Size : 1L | 4L | 5L | 20L | 25L | 200L | 208L
Other packing size could be available upon request

Other grades of lubricants can be blended as per customer request. These typical results are of existing production, the future production will conform to our blending specifications hence any variation in these results will not affect the product performance.



MOTOR ENGINE OIL



Description

BENZOL Motor Engine Oil is a premium quality heavy duty lubricant designed specifically to meet wide range of passenger car engines and light industrial vehicles. The oil is blended with high quality base oils which incorporate with advanced additive packages in order to provide excellent protection against rust & corrosion and improve high temperature oxidation control.

Application

It is formulated for use in all types of petrol engines in all operating conditions (city traffic, highway, motorways) during all seasons.

Benefits

- Improved control of volatility and oil consumption
- Protects against soot, varnish, and sludge formation
- Highly effective control over wear, corrosion and rust
- Exceptional resistance to oxidation and foaming
- Excellent dispersive and detergent properties which ensure a clean engine
- Improved protection during start-up by maintaining protective oil film

Technical Specifications

S. No	Test Description	Test Method	Results								
			40	50	5W30	10W30	5W40	10W40	15W40	20W40	20W50
	SAE Grade		40	50	5W30	10W30	5W40	10W40	15W40	20W40	20W50
1	Appearance	Visual	C & B	C & B	C & B	C & B	C & B	C & B	C & B	C & B	C & B
2	Color	ASTM-D1500	2	2,5	<2	<2	2	2	2,5	2,5	2,5
3	Viscosity @ 40 °C, cst	ASTM-D445	146,4	213,3	80,81	88,25	121,8	133,1	130,3	139,8	201,1
4	Viscosity @ 100 °C, cst	ASTM-D445	16,01	20,87	11,91	12,15	15,81	16,11	15,79	15,50	20,5
5	Viscosity Index	ASTM-D2270	115	116	142	132	138	129	128	115	120
6	Pour Point, °C	ASTM-D97	-9	-8	-42	-37	-41	-36	-32	-27	-26
7	Flash Point, °C (COC)	ASTM-D92	235	238	215	219	223	222	225	230	232
8	Water in Petroleum Products	ASTM-D95	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
9	Density @ 15 °C, Kg/L	ASTM-D1298	0,880	0,886	0,870	0,875	0,876	0,875	0,878	0,880	0,883
10	TBN, mg KOH/g	ASTM-D2896	4,5	6	8	8	8,5	8,5	9,5	9	9

Packing Size: 1L | 4L | 5L | 20L | 25L | 200L | 208L
Other packing size could be available upon request

Other grades of lubricants can be blended as per customer request. These typical results are of existing production, the future production will conform to our blending specifications hence any variation in these results will not affect the product performance.



AUTOMOTIVE GEAR OIL



Description

BENZOL Gear Oil is a premium quality heavy duty multipurpose lubricant formulated from high quality mineral base oils and extreme pressure additives for use in gear boxes, axles, transfer cases and hypoid gears operating under very severe operating conditions. The product range includes mono and multi-grade version to satisfy the viscosity requirements of various equipments.

Application

It is formulated for use in all spur, helical, spiral, bevel and hypoid gear applications in commercial vehicles, passenger cars and contracting equipments.

Benefits

- Excellent stability for a longer service life
- Excellent load carrying capabilities
- Highly effective control over wear, corrosion and rust
- Excellent transmission life
- Excellent noise suppression and smooth gear shift

Technical Specifications

S. No	Test Description	Test Method	Results					
			90	140	75W80	75W90	80W90	85W140
	ISO VG Grade		90	140	75W80	75W90	80W90	85W140
1	Appearance	Visual	C & B	C & B	C & B	C & B	C & B	C & B
2	Color	ASTM-D1500	<2,5	<3,0	<2,5	<2,5	2,5	<3,5
3	Viscosity @ 40 °C, cst	ASTM-D445	190	359	76,21	172,7	140,1	344
4	Viscosity @ 100 °C, cst	ASTM-D445	17,51	26,01	10,80	16,95	15,01	25,5
5	Viscosity Index	ASTM-D2270	100	96	130	105	108	97
6	Pour Point, °C	ASTM-D97	-21	-15	-42	-42	-30	-19
7	Flash Point, °C (COC)	ASTM-D92	220	224	220	222	218	222
8	Water in Petroleum Products	ASTM-D95	Nil	Nil	Nil	Nil	Nil	Nil
9	Density @ 15 °C, Kg/L	ASTM-D1298	0,8792	0,8860	0,8612	0,8811	0,8819	0,8852

Packing Size: 1L | 4L | 5L | 20L | 25L | 200L | 208L
Other packing size could be available upon request

Other grades of lubricants can be blended as per customer request. These typical results are of existing production, the future production will conform to our blending specifications hence any variation in these results will not affect the product performance.



INDUSTRIAL GEAR OIL



Description

BENZOL Industrial Gear Oil is a premium quality lubricant designed primarily for lubrication of heavy duty industrial gears operating under severe conditions. The product is having outstanding Extreme Pressure and load-carrying properties in order to provide optimum protection for gears, bearings and seals.

Benefits

- Excellent load-carrying capacity
- Excellent thermal and oxidation stability
- Rust and corrosion protection
- Excellent lubricity and good anti-foam properties
- Minimize friction, resulting in reduced bulk oil temperature
- Effective demulsibility for rapid water separation

Application

It is formulated for use in all types of enclosed gear drives with circulation or splash lubrication systems representing load and speed conditions of extreme severity. It is also suitable for the lubrication of worm gear units. Although designed primarily for the lubrication of gears, their high overall performance makes it possible to extend their use to system involving gears, plain bearings, rolling bearings and sliding surfaces.

Technical Specifications

S. No	Test Description	Test Method	Results						
			68	100	150	220	320	460	680
	ISO VG Grade		68	100	150	220	320	460	680
1	Appearance	Visual	C & B	C & B	C & B	C & B	C & B	C & B	C & B
2	Color	ASTM-D1500	<2,5	<2,5	<2,5	<3	<3,5	<3,5	<3,5
3	Viscosity @ 40 °C, cst	ASTM-D445	68,00	100,0	150,0	220,0	320,0	460,0	680,0
4	Viscosity @ 100 °C, cst	ASTM-D445	8,655	11,25	14,80	18,75	23,90	30,35	35,85
5	Viscosity Index	ASTM-D2270	98	98	98	95	95	95	85
6	Pour Point, °C	ASTM-D97	-18	-18	-16	-14	-13	-13	-12
7	Flash Point, °C (COC)	ASTM-D92	234	234	226	232	234	238	236
8	Water in Petroleum Products	ASTM-D95	Nil	Nil	Nil	Nil	Nil	Nil	Nil
9	Density @ 15 °C, Kg/L	ASTM-D1298	0,8860	0,8940	0,8960	0,9025	0,9030	0,9030	0,9245

Packing Size: 5L | 20L | 25L | 200L | 208L

Other packing size could be available upon request

Other concentration or color can be blended as per customer request

These typical results are of existing production, the future production will conform to our blending specifications hence any variation in these results will not affect the product performance



HYDRAULIC OIL



Description

BENZOL Hydraulic Oil is a premium quality heavy duty lubricant formulated with highly refined base stocks and well balanced package of advanced anti-corrosion, antioxidant and antifoam additives. The product is available in different ISO Viscosity Grades to suit the ambient operating temperature requirements.

Benefits

- Extend oil drain interval
- Outstanding thermal and hydraulic stability
- Excellent demulsibility characteristic and good shear stability
- Exceptional resistance to oxidation and foaming
- Highly effective for control over wear, corrosion and rust
- Low pour point ensure good fluidity in cold climates

Application

It is formulated for use in high pressure hydraulic systems, in all mobile and stationary equipments, operating under severe working conditions. It is also used for circulation systems, compressor, pump, bearing and gear lubrication where recommended.

Technical Specifications

S. No	Test Description	Test Method	Results						
			22	32	46	68	100	150	220
	ISO VG Grade		22	32	46	68	100	150	220
1	Appearance	Visual	C & B	C & B	C & B	C & B	C & B	C & B	C & B
2	Color	ASTM-D1500	2,0	2,0	2,0	2,0	2,0	< 2,5	<2,5
3	Viscosity @ 40 °C, cst	ASTM-D445	22,5	32	46	68,5	100	150	220
4	Viscosity @ 100 °C, cst	ASTM-D445	4,35	5,37	6,74	8,81	11,29	15,25	20,09
5	Viscosity Index	ASTM-D2270	98	99	98	100	98	102	105
6	Pour Point, °C	ASTM-D97	-12	-10	-12	-12	-10	-10	-12
7	Flash Point, °C (COC)	ASTM-D92	201	204	208	208	210	212	216
8	Water in Petroleum Products	ASTM-D95	Nil	Nil	Nil	Nil	Nil	Nil	Nil
9	Density @ 15 °C, Kg/L	ASTM-D1298	0,864	0,865	0,869	0,873	0,872	0,875	0,877

Packing Size: 5L | 20L | 25L | 200L | 208L
Other packing size could be available upon request

Other grades of lubricants can be blended as per customer request. These typical results are of existing production, the future production will conform to our blending specifications hence any variation in these results will not affect the product performance.



AUTOMATIC TRANSMISSION FLUID



Description

BENZOL ATF is a premium quality multi-purpose fluid which can be used in automatic transmissions and power steering units of many types of vehicles. It is designed to withstand high pressure encountered in hydrostatic systems. It has high viscosity index, low pour point and special additives to increase oxidation resistance, rust, corrosion protection and anti-wear properties.

Application

It is formulated for use in all type of automatic gears, torque converters, transmission systems, power steering and hydraulic circuits.

Benefits

- Excellent oxidation resistance and thermal stability
- Suitable for both automotive and industrial applications
- Highly effective control over wear, corrosion and rust
- Ensures efficient operation of power steering units under all conditions
- Proper frictional properties for smooth shifting and excellent anti-shudder performance

Technical Specifications

S. No	Test Description	Test Method	Results					
			Type A	II	III	IV	V	VI
	ISO VG Grade		Type A	II	III	IV	V	VI
1	Appearance	Visual	C & B	C & B	C & B	C & B	C & B	C & B
2	Color	ASTM-D1500	Red	Red	Red	Red	Red	Red
3	Viscosity @ 40 °C, cst	ASTM-D445	51,35	46,01	46,05	40,31	40,99	37,01
4	Viscosity @ 100 °C, cst	ASTM-D445	7,501	7,001	6,953	7,211	7,345	6,812
5	Viscosity Index	ASTM-D2270	109	110	108	144	145	145
6	Pour Point, °C	ASTM-D97	-20	-23	-25	-40	-42	-44
7	Flash Point, °C (COC)	ASTM-D92	200	203	206	215	218	220
8	Water in Petroleum Products	ASTM-D95	Nil	Nil	Nil	Nil	Nil	Nil
9	Density @ 15 °C, Kg/L	ASTM-D1298	0,851	0,862	0,865	0,866	0,867	0,867

Packing Size: 1L | 4L | 5L | 20L | 25L | 200L | 208L
Other packing size could be available upon request

Other grades of lubricants can be blended as per customer request. These typical results are of existing production, the future production will conform to our blending specifications hence any variation in these results will not affect the product performance.



2T & 4T MOTORCYCLE OIL



Description

BENZOL 4T Motorcycle Oil is a premium quality multi grade lubricant formulated with highly refined paraffinic base stocks with high performance clutch fabrication additive packages.

BENZOL 2T Motorcycle Oil is a premium quality lubricant formulated for lubrication of two-stroke gasoline engines such as motorcycle, scooters, lawn mowers, chain saws, domestic and horticultural machines.

Benefits

- Quicker ignition
- Highly effective control over wear, corrosion and rust
- Low smoke, low ash formation
- Strong lubrication film and high oxidation stability provide excellent high-temperature resistance
- Reduces spark plug fouling and piston deposit

Technical Specifications

S. No	Test Description	Test Method	Results				
			2T SAE 20	2T SAE 30	4T 10W40	4T 20W40	4T 20W50
	SAE Grade		2T SAE 20	2T SAE 30	4T 10W40	4T 20W40	4T 20W50
1	Appearance	Visual	C & B	C & B	C & B	C & B	C & B
2	Color	ASTM-D1500	Green/Blue	Green/Blue	2,5	2,5	2,5
3	Viscosity @ 40 °C, cst	ASTM-D445	71,87	107,2	128,2	150,3	229,2
4	Viscosity @ 100 °C, cst	ASTM-D445	9,125	11,97	15,35	15,86	20,65
5	Viscosity Index	ASTM-D2270	102	101	124	110	106
6	Pour Point, °C	ASTM-D97	-13	-15	-30	-25	-27
7	Flash Point, °C (COC)	ASTM-D92	210	212	226	229	235
8	Water in Petroleum Products	ASTM-D95	Nil	Nil	Nil	Nil	Nil
9	Density @ 15 °C, Kg/L	ASTM-D1298	0,875	0,879	0,8799	0,875	0,881
10	TBN, mg KOH/g		5,5	5,5	6	6	7

Packing Size: 1L | 20L | 25L | 200L | 208L

Other packing size could be available upon request

Other grades of lubricants can be blended as per customer request. These typical results are of existing production, the future production will conform to our blending specifications hence any variation in these results will not affect the product performance.

COMPRESSOR OIL



Description

BENZOL Compressor Oil is a premium quality lubricant designed to meet the stringent requirements of the major compressor manufacturers.

The product is formulated with high quality paraffinic base oils combined with superior additive package designed to promote oxidation resistance, corrosion protection and robust extreme pressure characteristics.

Benefits

- Very good oxidation resistance.
- Effective Air release and anti-foam properties.
- Excellent rusting and wear protection properties.
- Maintains internal surface cleanliness and longer oil drains intervals
- Extending the service life of the separating filter elements.

Application

It is formulated for use in all types of high performance rotary air compressors/screw compressors and vacuum pump both for stationary and mobile applications. It can also be used in journal bearing and antifriction bearings for fans operating at high speed and temperatures.

Technical Specifications

S. No	Test Description	Test Method	Results						
			22	32	46	68	100	150	220
1	ISO VG Grade		22	32	46	68	100	150	220
1	Appearance	Visual	C & B	C & B	C & B	C & B	C & B	C & B	C & B
2	Color	ASTM-D1500	2,0	2,0	2,0	2,0	2,0	< 2,5	< 2,5
3	Viscosity @ 40 °C, cst	ASTM-D445	22,0	32,0	46,0	68,0	100,0	150,0	220,0
4	Viscosity @ 100 °C, cst	ASTM-D445	4,35	5,37	6,74	8,81	11,29	15,25	20,09
5	Viscosity Index	ASTM-D2270	98	99	98	100	98	102	105
6	Pour Point, °C	ASTM-D97	-16	-16	-14	-14	-15	-14	-12
7	Flash Point, °C (COC)	ASTM-D92	201	204	208	208	210	212	216
8	Water in Petroleum Products	ASTM-D95	Nil	Nil	Nil	Nil	Nil	Nil	Nil
9	Density @ 15 °C, Kg/L	ASTM-D1298	0,864	0,865	0,869	0,873	0,872	0,875	0,877

Packing Size: 5L | 20L | 25L | 200L | 208L

Other packing size could be available upon request

Other grades of lubricants can be blended as per customer request. These typical results are of existing production, the future production will conform to our blending specifications hence any variation in these results will not affect the product performance.



TURBINE OIL



Description

BENZOL Turbine oil is a premium quality lubricant specially designed for the lubrication of hydraulic, steam or gas turbines. The product is blended from highly refined base oils with high quality additives inhibited to enhance their rust and oxidation properties. The performance features of BENZOL Turbine Oil translates into excellent equipment protection, reliable operation, with reduced downtime and extended oil charge life.

Benefits

- High oxidation resistance, antifoam, air and water release performances.
- Excellent Thermal and Oxidation stability
- High antiwear properties allowing the lubrication of the gear boxes driven by the turbine.
- Rust and corrosion protection

Application

It is formulated for use in all types of steam engines, industrial steam turbines, turbines air compressors and certain oil lubricated bearings. The product can also be used in centrifugal compressors or turbochargers. It meets or exceeds the requirements of major steam and gas turbine builders in the appropriate recommended grade.

Technical Specifications

S. No	Test Description	Test Method	Results			
	ISO VG Grade		32	46	68	100
1	Appearance	Visual	C & B	C & B	C & B	C & B
2	Color	ASTM-D1500	2,5	2,5	2,5	<3,0
3	Viscosity @ 40 °C, cst	ASTM-D445	32,0	46,0	68,0	100,0
4	Viscosity @ 100 °C, cst	ASTM-D445	5,37	6,74	8,81	11,29
5	Viscosity Index	ASTM-D2270	99	98	100	98
6	Pour Point, °C	ASTM-D97	-24	-22	-20	-19
7	Flash Point, °C [COC]	ASTM-D92	204	208	212	226
8	Water in Petroleum Products	ASTM-D95	Nil	Nil	Nil	Nil
9	Density @ 15 °C, Kg/L	ASTM-D1298	0,865	0,869	0,873	0,872
10	TBN, mg KOH/g	ASTM-D3427	2,5	2,9	3,6	5,0

Packing Size: 1L | 20L | 25L | 200L | 208L

Other packing size could be available upon request

Other grades of lubricants can be blended as per customer request. These typical results are of existing production, the future production will conform to our blending specifications hence any variation in these results will not affect the product performance.



MARINE OIL



Description

BENZOL Marine Oil is a premium quality high performance mono-grade marine lubricant formulated in order to meet the requirements of medium speed diesel engines continuously working under full load condition. The product is available in different base number and viscosity grades to suit most marine engine requirements. The series are designed with advance additive package to provide balance of detergency and dispersancy to attain the long drain interval with maximum protection of engine components.

Application

It is formulated for use in medium speed trunk piston diesel engines operating on high sulphur residual fuels.

Benefits

- Improved control of volatility and oil consumption
- Highly effective control over wear, corrosion and rust
- Exceptional resistance to oxidation and foaming
- Excellent detergency and dispersive properties which ensure a clean engine
- High degree of water tolerance, water separation and base retention properties
- Reduces sludge formation and enhances engine performance for longer period of time

Technical Specifications

S. No	Test Description	Test Method	Results						
	Product Code		3030	3040	4030	4040	5040	5050	5070
	SAE Grade		30	30	40	40	50	50	50
1	Appearance	Visual	C & B	C & B	C & B	C & B	C & B	C & B	C & B
2	Color	ASTM-D1500	<3	<3	<3	<3	<3	<3	<3
3	Viscosity @ 40 °C, cst	ASTM-D445	107,6	113,7	167,3	158,8	256,5	224,5	224,1
4	Viscosity @ 100 °C, cst	ASTM-D445	11,86	12,25	16,11	15,65	20,95	19,87	19,59
5	Viscosity Index	ASTM-D2270	99	98	100	101	97	102	100
6	Pour Point, °C	ASTM-D97	-15	-16	-16	-18	-16	-19	-15
7	Flash Point, °C [COC]	ASTM-D92	230	233	228	232	230	226	225
8	Water in Petroleum Products	ASTM-D95	Nil	Nil	Nil	Nil	Nil	Nil	Nil
9	Density @ 15 °C, Kg/L	ASTM-D1298	0,883	0,885	0,871	0,876	0,875	0,879	0,882
10	TBN, mg KOH/g	ASTM-D2896	30	40	30	40	40	50	70

Packing Size: 20L | 25L | 200L | 208L

Other packing size could be available upon request

Other grades of lubricants can be blended as per customer request. These typical results are of existing production, the future production will conform to our blending specifications hence any variation in these results will not affect the product performance.





OUTBOARD OIL

MOTOR FLUSHING OIL



Description

BENZOL Outboard Oil is a premium quality ashless two-stroke outboard lubricant formulated from high quality mineral base oils and ashless additive package. It is developed for high powered water-cooled outboard engines fitted with oil-injection or premix systems and provides very good level of cleanliness and protection.

Application

It is formulated for use in all water cooled two-stroke outboard engines where TC-W3 or earlier is required.

Benefits

- Effectively protects metal surfaces from corrosion
- Excellent low-temperature pumpability for all applications
- Provides maximum engine protection against rust, corrosion and sludge deposits
- Protects against failures due to scuffing, ring sticking, port deposits, bearing failures and plug fouling

Technical Specifications

S. No	Test Description	Test Method	Results
1	Appearance	Visual	C & B
2	Color	ASTM-D1500	Blue / Green
3	Viscosity @ 40 °C, cst	ASTM-D445	62,47
4	Viscosity @ 100 °C, cst	ASTM-D445	8,521
5	Viscosity Index	ASTM-D2270	108
6	Pour Point, °C	ASTM-D97	-18
7	Flash Point, °C (COC)	ASTM-D92	102
8	Water in Petroleum Products	ASTM-D95	Nil
9	Density @ 15 °C, Kg/L	ASTM-D1298	0,879
10	TBN, mg KOH/g	ASTM-D2896	5,2

Packing Size: 1L | 20L | 25L | 200L | 208L
Other packing size could be available upon request

Other grades of lubricants can be blended as per customer request. These typical results are of existing production, the future production will conform to our blending specifications hence any variation in these results will not affect the product performance.

Description

Benzol Flushing Oil is a Premium Quality Lubricant manufactured specially for flushing automotive, industrial and agricultural engines, gear boxes, transmission and hydraulic systems. The product is compatible with other petroleum lubricants used in circulating systems.

Application

It is formulated for use in the flushing of four stroke gasoline and light duty diesel engines during the oil change process. It cleans the crankcase, cylinder walls, pistons and rings for maximum efficiency, protection and performance.

Benefits

- Safely remove engine deposits and contaminants
- Circulates freely, reaching even remote locations
- Protects surfaces from rusting
- Anti-sludge and varnish resistant

Technical Specifications

S. No	Test Description	Test Method	Results
1	Appearance	Visual	C & B
2	Color	ASTM-D1500	2,5
3	Viscosity @ 40 °C, cst	ASTM-D445	32
4	Viscosity @ 100 °C, cst	ASTM-D445	5,1
5	Viscosity Index	ASTM-D2270	95
6	Pour Point, °C	ASTM-D97	-15
7	Flash Point, °C (COC)	ASTM-D92	204
8	Water in Petroleum Products	ASTM-D95	Nil
9	Density @ 15 °C, Kg/L	ASTM-D1298	0,867

Packing Size: 1L | 20L | 25L | 200L | 208L
Other packing size could be available upon request



GREASE



Description

BENZOL Grease is a premium quality multipurpose grease formulated with high quality base oils and a set of additive packages which includes oxidation and rust inhibitors. It is recommended for automotive and industrial applications operating in moderate temperatures and load. In general, it is intended to lubricate chassis components, wheel bearings, clutch bearings, universal joints and ball joints.

Application

It is formulated for use in automotive applications where a single product can satisfy the multiple service requirements. It is suitable for wheel bearing linkages, suspensions and general chassis lubrication over a wide range of temperatures. For extreme pressure usage, Lithium based grease is recommended as bearing is subjected to shock loading.

Benefits

- Excellent shear and oxidation stability which ensures satisfactory performance
- Effective lubrication under boundary condition
- High control over bearing components against rust
- Forms a thick tenacious coating on metal surfaces
- Good protection to metal surfaces from corrosion and high resistance to vibration

Technical Specifications

S. No	Test Description	Test Method	Results		
NLGI			2	3	3
Soap Type			Lithium	Lithium	Calcium
1	Appearance	Visual	Yellow	Yellow	Yellow
2	Penetration worked @ 25°C	ASTM-D217	265 - 295	220- 250	220- 250
3	Dropping Point	ASTM-D566	205	211	95

Packing Size: 200G | 500G | 1KG | 15KG | 180KG
Other packing size could be available upon request

Other grades of lubricants can be blended as per customer request. These typical results are of existing production, the future production will conform to our blending specifications hence any variation in these results will not affect the product performance.



BRAKE FLUID

COOLANT / ANTIFREEZE



Description

BENZOL Brake Fluid is a premium quality fluid that has exceptional anti vapor lock properties, thus effectively minimizing the risk of brake failure at very high temperatures experienced in modern disc brake system. It is compatible with the various metals used in braking systems, and offers excellent protection from corrosion and wear.

Application

It is formulated for use in automotive disc brake systems and all hydraulic brake systems with the exception of those where a mineral oil based fluid is required. It is suitable for use where the vehicle manufacturer specifies either DOT 3 or DOT 4 fluids.

Benefits

- Excellent lubricity properties
- Smooth and safe braking
- Very good seal compatibility
- Highly effective control over wear, corrosion and rust

Technical Specifications

S. No	Test Description	Test Method	Results	
			DOT-3	DOT-4
	Type		DOT-3	DOT-4
1	Appearance	Visual	Light Amber	Light Amber
2	Viscosity @ -40 °C, mm ² /sec	ASTM-D2983	< 1500	< 1800
3	Viscosity @ 100 °C, cst	ASTM-D445	> 1,5	> 1,5
4	pH	ASTM-D1121	7 - 11,5	7 - 11,5
5	ERBP, °C	SAE J1703	240	265
6	Wet ERBP, °C	SAE J1703	148	163

Packing Size: 200ML | 250ML | 500ML
Other packing size could be available upon request

Description

BENZOL Coolant/Antifreeze is a premium quality concentrated ethylene glycol based engine coolant/antifreeze. It is formulated with latest organic technology which gives long time protection and suited for year round use in cars, in light and heavy duty trucks, specially made for cooling system components.

Application

It is formulated for use as a radiator coolant / antifreeze for all kind of passenger cars, heavy vehicles and industrial generators. It can be used in 30% - 70% concentrated ethylene glycol as per freezing and boiling point requirements.

Benefits

- Protect the cooling system against freezing in winter and boil-over in summer
- Chemical inhibitors minimize corrosion of copper, solder, brass, steel, cast, cast iron and aluminum metals which are commonly used in coolant systems

Technical Specifications

S. No	Physical Properties	Results		
		100%	50%	30%
	Antifreeze Concentration	100%	50%	30%
1	Appearance	Green	Green	Green
2	Density @ 20 °C, Kg/L	1,109	1,056	1,041
3	Boiling Point, °C	160	120	115
4	Water Content, wt %	3,12	50	70
5	pH, 50% solution in water	8,5	8,2	8,1
6	Freezing Point, °C	-55	-37	-24

Packing Size: 5L | 20L | 25L | 200L | 208L
Other packing size could be available upon request

Other grades of lubricants can be blended as per customer request. These typical results are of existing production, the future production will conform to our blending specifications hence any variation in these results will not affect the product performance.



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