



EPOBLEH

FACTORY-DIRECT ENGINE OILS



Global Engine Oil Manufacturer

Manufacturer's Certifications: ISO 9001:2015 | ISO 17025 | API | Volvo | EELQMS | REACH | ECAS | ACEA

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DIESEL ENGINE OIL



DESCRIPTION

Epobleh Diesel Engine Oil is the finest quality lubricant appropriate for mixed fleets use in naturally aspirated, turbo charged diesel engines. Ideal for trucks and off highways vehicles, including the modern high-performance diesel engines. These oils are specially formulated to provide outstanding service stability, detergency and dispersancy level limiting oil thickening due to soot. The oils contain great antioxidant, anti-rust, anti-wear and anti-corrosion properties, meeting a wide range of API levels and SAE standards.

Suitable for all diesel engines, turbo charger or normally aspirated operating on highway and off road under most severe conditions, loads and all seasons. Also, suitable diesel engines in low and high mileage applications: truck fleets, delivery vans, urban transport as well as construction and agricultural applications.



BENEFITS

- The additive technology in this formulation gives engine extended life with the anti-rust and anti-wear additives that protect the modern metals used in engines
- Exceptional formulated additives achieve substantial fuel saving due to its wonderful thermal stability and oxidation resistance.
- High dispersant additive keeps soot suspension, therefore preventing thickening of lubricants and provides good protection against linear polishing.



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SAE: 40

SPECIFICATION

	VISUAL	C & B
APPEARANCE	VISUAL	C & B
COLOR	ASTM-D1500	2
VISCOSITY @ 40 °C, CST	ASTM-D445	148,2
VISCOSITY @ 100 °C, CST	ASTM-D445	16,23
VISCOSITY INDEX	ASTM-D2270	116
POUR POINT, °C	ASTM-D97	-8
FLASH POINT, °C, (COC)	ASTM-D92	238
WATER IN PETROLEUM PRODUCTS	ASTM-D95	NIL
DENSITY @ 15 °C, KG/L	ASTM-D1298	0,883
TBN, MG KOH/G	ASTM-D2896	6

SAE: 50

SPECIFICATION

	VISUAL	C & B
APPEARANCE	VISUAL	C & B
COLOR	ASTM-D1500	<2.5
VISCOSITY @ 40 °C, CST	ASTM-D445	225,3
VISCOSITY @ 100 °C, CST	ASTM-D445	21,29
VISCOSITY INDEX	ASTM-D2270	113
POUR POINT, °C	ASTM-D97	-9
FLASH POINT, °C, (COC)	ASTM-D92	240
WATER IN PETROLEUM PRODUCTS	ASTM-D95	NIL
DENSITY @ 15 °C, KG/L	ASTM-D1298	0,885
TBN, MG KOH/G	ASTM-D2896	7

SAE: 5W30

SPECIFICATION

	VISUAL	C & B
APPEARANCE	VISUAL	C & B
COLOR	ASTM-D1500	<2
VISCOSITY @ 40 °C, CST	ASTM-D445	80,65
VISCOSITY @ 100 °C, CST	ASTM-D445	12,05
VISCOSITY INDEX	ASTM-D2270	145
POUR POINT, °C	ASTM-D97	-41
FLASH POINT, °C, (COC)	ASTM-D92	218
WATER IN PETROLEUM PRODUCTS	ASTM-D95	NIL
DENSITY @ 15 °C, KG/L	ASTM-D1298	0,871
TBN, MG KOH/G	ASTM-D2896	11

SAE: 10W30

SPECIFICATION

	VISUAL	C & B
APPEARANCE	VISUAL	C & B
COLOR	ASTM-D1500	<2
VISCOSITY @ 40 °C, CST	ASTM-D445	90,96
VISCOSITY @ 100 °C, CST	ASTM-D445	12,31
VISCOSITY INDEX	ASTM-D2270	130
POUR POINT, °C	ASTM-D97	-36
FLASH POINT, °C, (COC)	ASTM-D92	220
WATER IN PETROLEUM PRODUCTS	ASTM-D95	NIL
DENSITY @ 15 °C, KG/L	ASTM-D1298	0,876
TBN, MG KOH/G	ASTM-D2896	10,5

AVAILABLE PACKING SIZE

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

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EPOBLEH - ENGINE OIL



SAE: 5W40

SPECIFICATION	
VISUAL	C & B
ASTM-D1500	2
ASTM-D445	116,2
ASTM-D445	15,51
ASTM-D2270	141
ASTM-D97	-42
ASTM-D92	222
ASTM-D95	NIL
ASTM-D1298	0,875
ASTM-D2896	11,5

SAE: 10W40

SPECIFICATION	
VISUAL	C & B
ASTM-D1500	2
ASTM-D445	133,6
ASTM-D445	15,91
ASTM-D2270	126
ASTM-D97	-37
ASTM-D92	225
ASTM-D95	NIL
ASTM-D1298	0,877
ASTM-D2896	11

SAE: 15W40

SPECIFICATION	
VISUAL	C & B
ASTM-D1500	2,5
ASTM-D445	137,7
ASTM-D445	16,17
ASTM-D2270	125
ASTM-D97	-33
ASTM-D92	226
ASTM-D95	NIL
ASTM-D1298	0,879
ASTM-D2896	12

SAE: 20W40

SPECIFICATION	
VISUAL	C & B
ASTM-D1500	2,5
ASTM-D445	142,2
ASTM-D445	15,77
ASTM-D2270	116
ASTM-D97	-25
ASTM-D92	229
ASTM-D95	NIL
ASTM-D1298	0,881
ASTM-D2896	11

SAE: 20W50

SPECIFICATION	
VISUAL	C & B
ASTM-D1500	2,5
ASTM-D445	225,9
ASTM-D445	20,95
ASTM-D2270	110
ASTM-D97	-28
ASTM-D92	230
ASTM-D95	NIL
ASTM-D1298	0,886
ASTM-D2896	11

Other grades of lubricants can be blended as per customers request. These typical results are of existing production. The future production will confirm to our blending specifications hence any variations in these results till not affect the product performance. Bottle design and color are for illustration purpose only there may be a slight difference in the actual product.

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**HEAVY DUTY
HIGH PERFORMANCE**



MOTOR ENGINE OIL



DESCRIPTION

Epobleh Motor Engine Oil is a quality lubricant that uses the latest additives with carefully selected performance and proportion, meeting a wide range of API levels and SAE standards. Perfect for use all year round. Guarantees easy cold start and fuel economics due to its extreme fluidity at low temperatures and maintains a very resistant oil film at high temperatures. Recommended for gasoline, turbo charged and multi valved engines.



BENEFITS

- Predominantly recommended for all gasoline engines, cars and light vans. Permits use at all temperature and all types of services in town and on high motorways.
- High level of detergency - dispersancy minimizes sludge formation leading to cleaner engines.
- Good thermal stability and oxidation resistance preventing any premature damage at high temperatures.
- Reduction in internal friction leading to improved fuel economy.
- Shear Stability ensuring satisfactory lubrication in service, both hot and cold temperature.





SAE: 40

SAE: 50

SAE: 5W30

SAE: 10W30

SPECIFICATION

SPECIFICATION

SPECIFICATION

SPECIFICATION

	VISUAL	C & B	VISUAL	C & B	VISUAL	C & B	VISUAL	C & B
APPEARANCE								
COLOR	ASTM-D1500	2	ASTM-D1500	2.5	ASTM-D1500	<2	ASTM-D1500	<2
VISCOSITY @ 40 °C, CST	ASTM-D445	146,4	ASTM-D445	213,3	ASTM-D445	80,81	ASTM-D445	88,25
VISCOSITY @ 100 °C, CST	ASTM-D445	16,01	ASTM-D445	20,87	ASTM-D445	11,91	ASTM-D445	12,15
VISCOSITY INDEX	ASTM-D2270	115	ASTM-D2270	116	ASTM-D2270	142	ASTM-D2270	132
POUR POINT, °C	ASTM-D97	-9	ASTM-D97	-8	ASTM-D97	-42	ASTM-D97	-37
FLASH POINT, °C, (COC)	ASTM-D92	235	ASTM-D92	238	ASTM-D92	215	ASTM-D92	219
WATER IN PETROLEUM PRODUCTS	ASTM-D95	NIL	ASTM-D95	NIL	ASTM-D95	NIL	ASTM-D95	NIL
DENSITY @ 15 °C, KG/L	ASTM-D1298	0,880	ASTM-D1298	0,886	ASTM-D1298	0,870	ASTM-D1298	0,875
TBN, MG KOH/G	ASTM-D2896	4,5	ASTM-D2896	6	ASTM-D2896	8	ASTM-D2896	8

AVAILABLE PACKING SIZE

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

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SAE: 5W40

SPECIFICATION		
VISUAL	C & B	
ASTM-D1500	2	
ASTM-D445	121,8	
ASTM-D445	15,81	
ASTM-D2270	138	
ASTM-D97	-41	
ASTM-D92	223	
ASTM-D95	NIL	
ASTM-D1298	0,876	
ASTM-D2896	8,5	



SAE: 10W40

SPECIFICATION		
VISUAL	C & B	
ASTM-D1500	2	
ASTM-D445	133,1	
ASTM-D445	16,11	
ASTM-D2270	129	
ASTM-D97	-36	
ASTM-D92	222	
ASTM-D95	NIL	
ASTM-D1298	0,875	
ASTM-D2896	8,5	



SAE: 15W40

SPECIFICATION		
VISUAL	C & B	
ASTM-D1500	2,5	
ASTM-D445	130,3	
ASTM-D445	15,79	
ASTM-D2270	128	
ASTM-D97	-32	
ASTM-D92	225	
ASTM-D95	NIL	
ASTM-D1298	0,878	
ASTM-D2896	9,5	



SAE: 20W40

SPECIFICATION		
VISUAL	C & B	
ASTM-D1500	2,5	
ASTM-D445	139,8	
ASTM-D445	15,50	
ASTM-D2270	115	
ASTM-D97	-27	
ASTM-D92	230	
ASTM-D95	NIL	
ASTM-D1298	0,880	
ASTM-D2896	9	



SAE: 20W50

SPECIFICATION		
VISUAL	C & B	
ASTM-D1500	2,5	
ASTM-D445	201,1	
ASTM-D445	20,5	
ASTM-D2270	120	
ASTM-D97	-26	
ASTM-D92	232	
ASTM-D95	NIL	
ASTM-D1298	0,883	
ASTM-D2896	9	

Other grades of lubricants can be blended as per customers request. These typical results are of existing production. The future production will confirm to our blending specifications hence any variations in these results till not affect the product performance. Bottle design and color are for illustration purpose only there may be a slight difference in the actual product.



**WITH EPOBLEH ENGINE OILS,
YOUR ENGINES WILL
LAST LONGER**



GEAR OIL



DESCRIPTION

Epobleh Gear Oil is a premium quality lubricant specifically manufactured in order to adapt to the most stringent requirements of manufacturers demanding high extreme pressures and anti-wear levels, high temperatures and cleanness of transmission. Particular additives ensure excellent anti-foam, anti-corrosive, anti-rust properties; meeting wide range of API levels and SAE grades.

Suitable for mechanical transmission system working in severe condition, lubricating mechanical gear boxes and reduction drives in the following; lorries, trucks, agricultural and constructions machinery in severe operating conditions. Developed for lubricating one or two-stage rear axles working at high temperature and for which the user requires an extended oil change interval.



BENEFITS

- Multi-functional use in many axles and gear boxes of a wide range. Increase extreme pressure and anti-wear properties for an optimized lubrication hypoid and non-hypoid axles.
- Very good thermal performance guarantees the product stable under heavy loads and at high temperatures.
- Carefully designed frictional properties with base components selected to reduce vehicle fuel consumption.



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SAE: 90

SPECIFICATION

	VISUAL	C & B
APPEARANCE	VISUAL	C & B
COLOR	ASTM-D1500	<2,5
VISCOSITY @ 40 °C, CST	ASTM-D445	190
VISCOSITY @ 100 °C, CST	ASTM-D445	17,51
VISCOSITY INDEX	ASTM-D2270	100
POUR POINT, °C	ASTM-D97	-21
FLASH POINT, °C, (COC)	ASTM-D92	220
WATER IN PETROLEUM PRODUCTS	ASTM-D95	NIL
DENSITY @ 15 °C, KG/L	ASTM-D1298	0,879

SAE: 140

SPECIFICATION

	VISUAL	C & B
APPEARANCE	VISUAL	C & B
COLOR	ASTM-D1500	<3,0
VISCOSITY @ 40 °C, CST	ASTM-D445	359
VISCOSITY @ 100 °C, CST	ASTM-D445	26,01
VISCOSITY INDEX	ASTM-D2270	96
POUR POINT, °C	ASTM-D97	-15
FLASH POINT, °C, (COC)	ASTM-D92	224
WATER IN PETROLEUM PRODUCTS	ASTM-D95	NIL
DENSITY @ 15 °C, KG/L	ASTM-D1298	0,886

SAE: 80W90

SPECIFICATION

	VISUAL	C & B
APPEARANCE	VISUAL	C & B
COLOR	ASTM-D1500	2,5
VISCOSITY @ 40 °C, CST	ASTM-D445	140,1
VISCOSITY @ 100 °C, CST	ASTM-D445	15,01
VISCOSITY INDEX	ASTM-D2270	108
POUR POINT, °C	ASTM-D97	-30
FLASH POINT, °C, (COC)	ASTM-D92	218
WATER IN PETROLEUM PRODUCTS	ASTM-D95	NIL
DENSITY @ 15 °C, KG/L	ASTM-D1298	0,881

SAE: 85W140

SPECIFICATION

	VISUAL	C & B
APPEARANCE	VISUAL	C & B
COLOR	ASTM-D1500	<3,5
VISCOSITY @ 40 °C, CST	ASTM-D445	344
VISCOSITY @ 100 °C, CST	ASTM-D445	25,5
VISCOSITY INDEX	ASTM-D2270	97
POUR POINT, °C	ASTM-D97	-19
FLASH POINT, °C, (COC)	ASTM-D92	222
WATER IN PETROLEUM PRODUCTS	ASTM-D95	NIL
DENSITY @ 15 °C, KG/L	ASTM-D1298	0,885

AVAILABLE 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 customers request. These typical results are of existing production. The future production will confirm to our blending specifications hence any variations in these results till not affect the product performance. Bottle design and color are for illustration purpose only there may be a slight difference in the actual product.

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HYDRAULIC OIL



DESCRIPTION

Epobleh Hydraulic Oil is the finest quality lubricant formulated for use in all kinds of hydraulic systems under the most difficult conditions. They Include machine tools, presses, industrial and mobile equipment's. The oil has special anti-wear properties with excellent shear stability, high viscosity index and thermal stability which makes it especially suitable for hydraulic systems.

It is recommended for use in all kinds of hydraulic systems operating under high pressure and high temperature. It can also be used for circulation systems, compressor, pump, bearing and gear lubrication where recommended.



BENEFITS

- Exceptional thermal stability.
- High-class thermal oxidation stability avoiding sludge formation at high temperature and ensuring long service life of the fluid.
- Outstanding protection against rust, corrosion and wear, insuring maximum equipment life.
- Low pour point ensures good fluidity in cold climates.



Manufacturers' Certifications: ISO 9001:2015 | ISO 17025 | API | Volvo | EELQMS | REACH | ECAS | ACEA

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ISO VG: 22

SPECIFICATION

	VISUAL	C & B
APPEARANCE	VISUAL	C & B
COLOR	ASTM-D1500	2,0
VISCOSITY @ 40 °C, CST	ASTM-D445	22,5
VISCOSITY @ 100 °C, CST	ASTM-D445	4,35
VISCOSITY INDEX	ASTM-D2270	98
POUR POINT, °C	ASTM-D97	-12
FLASH POINT, °C, (COC)	ASTM-D92	201
WATER IN PETROLEUM PRODUCTS	ASTM-D95	NIL
DENSITY @ 15 °C, KG/L	ASTM-D1298	0,864

ISO VG: 32

SPECIFICATION

	VISUAL	C & B
APPEARANCE	VISUAL	C & B
COLOR	ASTM-D1500	2,0
VISCOSITY @ 40 °C, CST	ASTM-D445	32
VISCOSITY @ 100 °C, CST	ASTM-D445	5,37
VISCOSITY INDEX	ASTM-D2270	99
POUR POINT, °C	ASTM-D97	-10
FLASH POINT, °C, (COC)	ASTM-D92	204
WATER IN PETROLEUM PRODUCTS	ASTM-D95	NIL
DENSITY @ 15 °C, KG/L	ASTM-D1298	0,865

ISO VG: 46

SPECIFICATION

	VISUAL	C & B
APPEARANCE	VISUAL	C & B
COLOR	ASTM-D1500	2,0
VISCOSITY @ 40 °C, CST	ASTM-D445	46
VISCOSITY @ 100 °C, CST	ASTM-D445	6,74
VISCOSITY INDEX	ASTM-D2270	98
POUR POINT, °C	ASTM-D97	-12
FLASH POINT, °C, (COC)	ASTM-D92	208
WATER IN PETROLEUM PRODUCTS	ASTM-D95	NIL
DENSITY @ 15 °C, KG/L	ASTM-D1298	0,869

ISO VG: 68

SPECIFICATION

	VISUAL	C & B
APPEARANCE	VISUAL	C & B
COLOR	ASTM-D1500	2,0
VISCOSITY @ 40 °C, CST	ASTM-D445	68,5
VISCOSITY @ 100 °C, CST	ASTM-D445	8,81
VISCOSITY INDEX	ASTM-D2270	100
POUR POINT, °C	ASTM-D97	-12
FLASH POINT, °C, (COC)	ASTM-D92	208
WATER IN PETROLEUM PRODUCTS	ASTM-D95	NIL
DENSITY @ 15 °C, KG/L	ASTM-D1298	0,873

Available Packing Size

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

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ISO VG: 100

SPECIFICATION

VISUAL	C & B
ASTM-D1500	2,0
ASTM-D445	100
ASTM-D445	11,29
ASTM-D2270	98
ASTM-D97	-10
ASTM-D92	210
ASTM-D95	NIL
ASTM-D1298	0,872

ISO VG: 150

SPECIFICATION

VISUAL	C & B
ASTM-D1500	<2.5
ASTM-D445	150
ASTM-D445	15,25
ASTM-D2270	102
ASTM-D97	-10
ASTM-D92	212
ASTM-D95	NIL
ASTM-D1298	0,875

ISO VG: 220

SPECIFICATION

VISUAL	C & B
ASTM-D1500	<2.5
ASTM-D445	220
ASTM-D445	20,09
ASTM-D2270	105
ASTM-D97	-12
ASTM-D92	216
ASTM-D95	NIL
ASTM-D1298	0,877

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LONGER ENGINE LIFE



AUTOMATIC TRANSMISSION FLUID



DESCRIPTION

Epobleh Automatic Transmission Fluid is a superior quality fluid specially formulated with a high viscosity index, maintaining the performance levels for a longer period of use and preventing deposits, gums and varnish formation. Selected additives are used to provide higher anti-wear, anti-corrosion and anti-foam ensuring no effects to elastomer's and non-ferrous metals like copper or alloys. These oils ensure precise and smooth automatic shifting of gears at very low speeds.

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



BENEFITS

- The Quality of gear changing implies a smooth clutching action without excessive slide and free from chatter.
- Low temperature fluidity to eliminate jerking and overloading of circuits when starting in very cold weather.
- Anti-corrosion and anti-rust property as well as high anti foaming property gives extended life and does not effects copper and seals.
- Anti-wear properties protect gear toothing, thrust bearings and pumps.



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TYPE: A

TYPE: DEX II

TYPE: DEX III

SPECIFICATION		
	VISUAL	C & B
APPEARANCE	ASTM-D1500	RED
COLOR	ASTM-D445	51,35
VISCOSITY @ 40 °C, CST	ASTM-D445	7,501
VISCOSITY @ 100 °C, CST	ASTM-D2270	109
VISCOSITY INDEX	ASTM-D97	-20
POUR POINT, °C	ASTM-D92	200
FLASH POINT, °C, (COC)	ASTM-D95	NIL
WATER IN PETROLEUM PRODUCTS	ASTM-D1298	0,851

SPECIFICATION		
	VISUAL	C & B
APPEARANCE	ASTM-D1500	RED
COLOR	ASTM-D445	46,01
VISCOSITY @ 40 °C, CST	ASTM-D445	7,001
VISCOSITY @ 100 °C, CST	ASTM-D2270	110
VISCOSITY INDEX	ASTM-D97	-23
POUR POINT, °C	ASTM-D92	203
FLASH POINT, °C, (COC)	ASTM-D95	NIL
WATER IN PETROLEUM PRODUCTS	ASTM-D1298	0,862

SPECIFICATION		
	VISUAL	C & B
APPEARANCE	ASTM-D1500	RED
COLOR	ASTM-D445	46,05
VISCOSITY @ 40 °C, CST	ASTM-D445	6,953
VISCOSITY @ 100 °C, CST	ASTM-D2270	108
VISCOSITY INDEX	ASTM-D97	-25
POUR POINT, °C	ASTM-D92	206
FLASH POINT, °C, (COC)	ASTM-D95	NIL
WATER IN PETROLEUM PRODUCTS	ASTM-D1298	0,865

AVAILABLE PACKING SIZE

1L | 4L | 5L | 20L | 25L | 200L

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MOTORCYCLE OIL 2T & 4T



DESCRIPTION

Epobleh 2 Stroke Engine Oil is the finest quality lubricant formulated for two-stroke gasoline engines such as motorcycle, scooters, lawn mowers, chain saws, domestic and horticultural machines. The oil is also formulated for use in all type of two stroke engines and two & three wheelers where API TC and JASO FC are required.

Epobleh 4 Stroke Engine Oil is the top of the range quality lubricant specially formulated for modern 4-stroke motorcycle engines. The friction modifier-free formulation is designed to prevent clutch slippage, delivering maximum torque and power to the wheels. The oil is also formulated for use in passenger car, light duty diesel & four stroke engines.



BENEFITS

- Gives greater protection from heat.
- Anti-rust fortified for superior rust prevention.
- Reduces oil thickening.
- Keeps engine components clean.
- Reduces spark plug fouling and piston deposit.
- Low Smoke and low ash formation.



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2T SAE: 20

2T SAE: 30

4T SAE: 20W40

4T SAE: 20W50

	SPECIFICATION		SPECIFICATION		SPECIFICATION		SPECIFICATION	
	VISUAL	C & B	VISUAL	C & B	VISUAL	C & B	VISUAL	C & B
APPEARANCE	VISUAL	C & B	VISUAL	C & B	VISUAL	C & B	VISUAL	C & B
COLOR	ASTM-D1500	GREEN/BLUE	ASTM-D1500	GREEN/BLUE	ASTM-D1500	2,5	ASTM-D1500	2,5
VISCOSITY @ 40 °C, CST	ASTM-D445	71,87	ASTM-D445	107,2	ASTM-D445	150,3	ASTM-D445	229,2
VISCOSITY @ 100 °C, CST	ASTM-D445	9,125	ASTM-D445	11,97	ASTM-D445	15,86	ASTM-D445	20,65
VISCOSITY INDEX	ASTM-D2270	102	ASTM-D2270	101	ASTM-D2270	110	ASTM-D2270	106
POUR POINT, °C	ASTM-D97	-13	ASTM-D97	-15	ASTM-D97	-25	ASTM-D97	-27
FLASH POINT, °C, (COC)	ASTM-D92	210	ASTM-D92	212	ASTM-D92	229	ASTM-D92	235
WATER IN PETROLEUM PRODUCTS	ASTM-D95	NIL	ASTM-D95	NIL	ASTM-D95	NIL	ASTM-D95	NIL
DENSITY @ 15 °C, KG/L	ASTM-D1298	0,875	ASTM-D1298	0,879	ASTM-D1298	0,875	ASTM-D1298	0,881
TBN, MG KOH/G		5,5		5,5		6		7

AVAILABLE PACKING SIZE

500ML | 1L | 20L | 25L | 200L | 208L | Other packing size could be available upon request

Other grades of lubricants can be blended as per customers request. These typical results are of existing production. The future production will confirm to our blending specifications hence any variations in these results till not affect the product performance. Bottle design and color are for illustration purpose only there may be a slight difference in the actual product.



OUTBOARD MOTOR OIL



DESCRIPTION

Epobleh Outboard Motor Oil is a premium quality ash less two-stroke outboard lubricant formulated from high quality mineral base oils with ash less 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. Formulated for use in all water cooled two-stroke outboard engines where TC-WJ or earlier is required.



BENEFITS

- Effectively guards metal surfaces from corrosion.
- Outstanding low temperature pump ability 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.



Manufacturers' Certifications: ISO 9001:2015 | ISO 17025 | API | Volvo | EELQMS | REACH | ECAS | ACEA

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TC-W3

APPEARANCE	
COLOR	
VISCOSITY @ 40 °C, CST	
VISCOSITY @ 100 °C, CST	
VISCOSITY INDEX	
POUR POINT, °C	
FLASH POINT, °C, (COC)	
WATER IN PETROLEUM PRODUCTS	
DENSITY @ 15 °C, KG/L	
TBN, MG KOH/G	

SPECIFICATION

VISUAL	C & B
ASTM-D1500	BLUE / GREEN
ASTM-D445	62,47
ASTM-D445	8,521
ASTM-D2270	108
ASTM-D97	-18
ASTM-D92	102
ASTM-D95	NIL
ASTM-D1298	0,879
ASTM-D2869	5,2

AVAILABLE PACKING SIZE

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

Other grades of lubricants can be blended as per customers request. These typical results are of existing production. The future production will confirm to our blending specifications hence any variations in these results till not affect the product performance. Bottle design and color are for illustration purpose only there may be a slight difference in the actual product.

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BRAKE FLUID



DESCRIPTION


Epobleh Brake Fluid is a premium quality fluid formulated from specially with high dry and wet boiling points adjusted to high temperatures encountered in breaking systems preventing vapor lock. It provides protection for metals and used in the braking systems and is compatible with rubber seals and hoses. Particularly suitable for brake circuits in severe conditions. Recommended for use in all passenger cars, trucks, buses and heavy duty vehicles where the manufacturer recommends the use of DOT 3 or DOT 4 fluids.



BENEFITS

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

Manufacturer's Certifications: ISO 9001:2015 | ISO 17025 | API | Volvo | EELQMS | REACH | ECAS | ACEA

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DOT - 3

SPECIFICATION

	VISUAL	LIGHT AMBER
ASTM-D2983		< 1500
ASTM-D445		> 1.5
ASTM-D1121		7 - 11.5
SAE J1703		240
SAE J1703		148



DOT - 4

SPECIFICATION

	VISUAL	LIGHT AMBER
ASTM-D2983		< 1800
ASTM-D445		> 1.5
ASTM-D1121		7 - 11.5
SAE J1703		265
SAE J1703		163

APPEARANCE
VISCOSITY @ 40 °C, MM2/SEC
VISCOSITY @ 100 °C, CST
pH
ERBP, °C
WET ERBP, °C

AVAILABLE PACKING SIZE

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

Other grades of lubricants can be blended as per customers request. These typical results are of existing production. The future production will confirm to our blending specifications hence any variations in these results till not affect the product performance. Bottle design and color are for illustration purpose only there may be a slight difference in the actual product.

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DOT - 5.1

Test Method	Typical Value
VISUAL	Transparent homogeneous liquid (light yellow to light brown)
ASTM D445	>2.0
ASTM D445	<900
ASTM D1120	>260
ASTM D1120	>180
ASTM D1121	7.0 - 11.5

Typical Physical Characteristics

PROPERTY	Units
APPEARANCE	-
Kinematic VISCOSITY @ 100 °C	cSt
Kinematic Viscosity @ -40°C	cSt
Boiling Point (Dry)	°C
Boiling Point (Wet)	°C
pH	-

AVAILABLE PACKING SIZE

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

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COOLANT



DESCRIPTION

Epobleh Coolant / Antifreeze is a premium long-life glycol based liquid coolant, with special rust and corrosion inhibitors which free amines, nitrates and phosphates. This coolant is available in various concentration as required for its application. Recommended for use in all internal combustion engines, cars, trucks, agricultural and constructional machinery equipment's. It can be used in 30 % - 70 % concentrated ethylene glycol as per freezing and boiling point requirements.



BENEFITS

- Provide long lasting protection against freezing and corrosion in cooling circuits.
- Chemical inhibitors minimize corrosion of copper, solder, brass, steel, cast iron and aluminum metals which are commonly used in coolant systems.
- Excellent cooling provides improved reliability and reduced maintenance.

Manufacturer's Certifications: ISO 9001:2015 | ISO 17025 | API | Volvo | EELQMS | REACH | ECAS | ACEA

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**30% CONCENTRATION****SPECIFICATION**

APPEARANCE	GREEN
DENSITY @ 20 °C, KG/L	1,041
BOILING POINT °C	115
WATER CONTENT WT%	70
pH 50% SOLUTION IN WATER	8,1
FREEZING POINT °C	-24

50% CONCENTRATION**SPECIFICATION**

APPEARANCE	GREEN
DENSITY @ 20 °C, KG/L	1,056
BOILING POINT °C	120
WATER CONTENT WT%	50
pH 50% SOLUTION IN WATER	8,2
FREEZING POINT °C	-37

100% CONCENTRATION**SPECIFICATION**

APPEARANCE	GREEN
DENSITY @ 20 °C, KG/L	1,109
BOILING POINT °C	160
WATER CONTENT WT%	3,12
pH 50% SOLUTION IN WATER	8,5
FREEZING POINT °C	-55

AVAILABLE PACKING SIZE

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

Other grades of lubricants can be blended as per customers request. These typical results are of existing production. The future production will confirm to our blending specifications hence any variations in these results till not affect the product performance. Bottle design and color are for illustration purpose only there may be a slight difference in the actual product.

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GREASE



DESCRIPTION

Epobleh Grease is the finest quality multipurpose grease formulated with high quality base oils and a set of additives. These include oxidation and rust inhibitors. Recommended for automotive and industrial applications operating in moderate temperatures and load. Intended to lubricate chassis components, wheel bearings, clutch bearings, universal joints and ball joints. For extreme pressure usage, Lithium based grease is recommended as bearing is subjected to shock loading.



BENEFITS

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

Manufacturer's Certifications: ISO 9001:2015 | ISO 17025 | API | Volvo | EELQMS | REACH | ECAS | ACEA

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LITHIUM NLGI 2

SPECIFICATION

SOAP TYPE	LITHIUM	
APPEARANCE	VISUAL	YELLOW
PENETRATION WORKED @ 25 °C	ASTM-D217	265 - 295
DROPPING POINT	ASTM-D566	205

LITHIUM NLGI 3

SPECIFICATION

SOAP TYPE	LITHIUM	
APPEARANCE	VISUAL	YELLOW
PENETRATION WORKED @ 25 °C	ASTM-D217	220 - 250
DROPPING POINT	ASTM-D566	211

CALCIUM NLGI 3

SPECIFICATION

SOAP TYPE	CALCIUM	
APPEARANCE	VISUAL	YELLOW
PENETRATION WORKED @ 25 °C	ASTM-D217	220 - 250
DROPPING POINT	ASTM-D566	95

AVAILABLE PACKING SIZE

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

Other grades of lubricants can be blended as per customers request. These typical results are of existing production. The future production will confirm to our blending specifications hence any variations in these results till not affect the product performance. Bottle design and color are for illustration purpose only there may be a slight difference in the actual product.

A wide-angle photograph of a lush green agricultural field, likely corn, stretching to the horizon. The rows of crops are densely packed and vibrant green. In the far distance, a tractor is visible on the right side, working the field. The sky is a clear, pale blue, suggesting a bright day. The overall scene conveys a sense of active farming and productivity.

AGRICULTURE & FORESTRY



STOU 15W30 and 10W30

Meets the requirements of: API SF/GL 4, Caterpillar TO-2; John Deere J27, J20CI Ford's Super Tractor Oil Universal (STOU) applications M2C 159B); Massey-Ferguson CMS 1135 and CMS 1139; Allison C-4.

TYPICAL PROPERTIES

		Oscar STOU 15W30	Oscar STOU 10W30
Density @ 15°C, kg/l	ASTM D1298	0.875	0.875
Viscosity @ 100°C, cSt	ASTM D445	11.5	11.0
Viscosity @ 40°C, cSt	ASTM D445	76	75
Viscosity Index	ASTM D2270	145	140
Flash Point (COC), °C	ASTM D92	228	225
TBN, mg KOH/g	ASTM D2896	8	8
Pour Point, °C	ASTM D6749	-40	-40

STOU 10W40

Meets the requirements of: Allison C4, API CG-4/SF, API GL-4, Atlas Copco Kompressor, CASE IH-MS 1209, Caterpillar TO-2, FENDT KDM 412011, Ford ESN-M2C-134 B, Ford ESN-M2C-134 C, Ford ESN-M2C 134 D, Ford ESN-M2C-159 B, Ford ESN-M2C-159 C, Getriebeöl: SAE 80W, Hydrauliköl: HVLP ISO VG 68-100, John Deere J20C, John Deere J27, Kompressorenöl: Holman Compair Kompressor, MAN 271, Massey-Ferguson M 1139, Massey-Ferguson M 1144, Massey Ferguson M 1145, MAT 3525, MB 2271, MB 2261, MB 228 3, MIL-L-2104 D, Motorenöl SAE 10W-40, New Holland NH 410B, Spezialtraktorenöl John Deere J20C, ZF TE-M 06B, ZF TE-M 06C, ZF TE-M 06D, ZF TE-M 07B, ZF TE-ML 06A.

TYPICAL PROPERTIES

Density @ 15°C, kg/l	ASTM D1298	0.863
Viscosity @ 100°C, cSt	ASTM D445	14.3
Viscosity @ 40°C, cSt	ASTM D445	95
Viscosity Index	ASTM D2270	155
Flash Point (COCC), °C	ASTM D92	228
TBN, mg KOH/g	ASTM D2896	8
Pour Point, °C	ASTM D6749	-42

UTTO SAE 80W

Meets the requirements of: SAE 80W, ISO VG 46, API GL-4, HLP-D/HVLP-D (ISO VG 46-68), DENISON HF-0, HF-1, HF-2, SPERRY VICKERS H-286-S, M-2950-S, ALLISON C4, MIL-L-2105, CATERPILLAR TO-2, ZF TE-ML 05F, 17E, ALLISON C3, CASE MS-1204, MS-1205,MS-1206,MS-1209,MS-1210, CASE NEW HOLLAND MAT 3525, 3505, DEUTZ Hydraulic Trans Fluid, DENISON HF 1/2/3, JOHN DEERE J 20C/D, MASSEY FERGUSON M-1110, M-1127 A, B, M-1129 A, M-1135, M-1139, M-1141, M-1143, M-1145, VALMET/VOLVO BM, ZF TE-ML 03E/06.

TYPICAL PROPERTIES

Density @ 15°C, kg/l	ASTM D1298	0.880
Viscosity @ 100°C, cSt	ASTM D445	9.8
Viscosity @ 40°C, cSt	ASTM D445	55
Viscosity Index	ASTM D2270	155
Flash Point (COCC), °C	ASTM D92	230
Pour Point, °C	ASTM D6749	-38

AVAILABLE PACKING SIZE

1L | 5L | 25L | 208L Other packing size could be available upon request

Other grades of lubricants can be blended as per customers request. These typical results are of existing production. The future production will confirm to our blending specifications hence any variations in these results till not affect the product performance. Bottle design and color are for illustration purpose only there may be a slight difference in the actual product.

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UTTO SAE 50 TO-4

Meets the requirements of: API GL-4; CAT TO-4; KOMATSU KES 07.868.1

TYPICAL PROPERTIES

Density @ 15°C, kg/l	ASTM D1298	0.880
Viscosity @ 100°C, cSt	ASTM D445	18.0
Viscosity @ 40°C, cSt	ASTM D445	195
Viscosity Index	ASTM D2270	100
Flash Point (COC), °C	ASTM D92	245
Pour Point, °C	ASTM D6749	-20

UTTO WB101

Meets the requirements of: API GL 4, Case New Holland MAT-3525, M2C-134 A-D, FNHA-2- D.201.00, John Deere JDM-J20C, Massey-Ferguson M1143, M1145, Volvo WB 101, Transmission Oil 97303:015, ZF TE-ML 03E, 05F, 06D, 06K, 06M, 06N, 06R, 17E, 21F, Caterpillar TO-4.

TYPICAL PROPERTIES

Density @ 15°C, kg/l	ASTM D1298	0.870
Viscosity @ 100°C, cSt	ASTM D445	10.7
Viscosity @ 40°C, cSt	ASTM D445	68
Viscosity Index	ASTM D2270	147
Flash Point (COC), °C	ASTM D92	226
Pour Point, °C	ASTM D6749	-42

AgriSYN™ UTTO WB101 & WB102

Meets the requirements of: API GL 4, Case New Holland MAT-3525, MAT 3540, MAT 3526, MAT 3505, M2C-134 A-D, M2C86-B, FNHA-2- D.201.00, John Deere JD20A, JD20B, JD20C, JD20D, JDM-J20C, Massey-Ferguson M1145, M1143, M1141, M1135, Volvo WB 101, WB 102, ZF TE-ML 03E, 05F, 06D, 06K, 06M, 06N, 06R, 17E, 21F, Caterpillar TO-4.

TYPICAL PROPERTIES

Density @ 15°C, kg/l	ASTM D1298	0.857
Viscosity @ 100°C, cSt	ASTM D445	8.8
Viscosity @ 40°C, cSt	ASTM D445	50
Viscosity Index	ASTM D2270	155
Flash Point (COC), °C	ASTM D92	226
Pour Point, °C	ASTM D6749	-42

AVAILABLE PACKING SIZE

1L | 5L | 25L | 208L Other packing size could be available upon request

Other grades of lubricants can be blended as per customers request. These typical results are of existing production. The future production will confirm to our blending specifications hence any variations in these results till not affect the product performance. Bottle design and color are for illustration purpose only there may be a slight difference in the actual product.

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Jade 2T SAE 30

Meets the requirements of: API TC JASO FC

TYPICAL PROPERTIES

Density @ 15°C, kg/l	ASTM D1298	0.877
Viscosity @ 100°C, cSt	ASTM D445	11.6
Viscosity @ 40°C, cSt	ASTM D445	82
Viscosity Index	ASTM D2270	134
Flash Point (COC), °C	ASTM D92	190
Pour Point, °C	ASTM D6749	-30

Chainsaw Oil 100

Meets the requirements of:

TYPICAL PROPERTIES

Density @ 15°C, kg/l	ASTM D1298	0.874
Viscosity @ 100°C, cSt	ASTM D445	12.4
Flash Point (COC), °C	ASTM D92	230
Pour Point, °C	ASTM D6749	-33

Milking Machine Oil 68

Meets the requirements of:

TYPICAL PROPERTIES

Density @ 15°C, kg/l	ASTM D1298	0.884
Viscosity @ 100°C, cSt	ASTM D445	8.5
Viscosity @ 40°C, cSt	ASTM D445	68
Viscosity Index	ASTM D2270	95
Flash Point (COC), °C	ASTM D92	228
Pour Point, °C	ASTM D6749	-27

Lawnmower oil is also available.

AVAILABLE PACKING SIZE

1L | 5L | 25L | 208L Other packing size could be available upon request

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TURBINE OIL



Turbine Oil

DESCRIPTION

Turbine 32, 46 & 68

APPLICATION

Turbine oils for gas and steam turbines, also with gearboxes and as a control fluid for turbine plants and turbo-compressors.

SPECIFICATIONS

L-TD and L-TG turbine oils acc. to DIN 51 515-1 and -2

Product name	Density at 15 °C, kg/m ³	Flash point Cleveland, °C	Kinematic viscosity at 40 °C, mm ² /s	Kinematic viscosity at 100 °C, mm ² /s	Viscosity index	Pour point, °C
Turbine 32	842	220	32	5,8	125	25-
Turbine 46	846	238	46	7,6	131	25-
Turbine 68	851	248	68	9,9	128	25-

AVAILABLE PACKING SIZE

1L | 5L | 25L | 208L Other packing size could be available upon request

Other grades of lubricants can be blended as per customers request. These typical results are of existing production. The future production will confirm to our blending specifications hence any variations in these results will not affect the product performance. Bottle design and color are for illustration purpose only there may be a slight difference in the actual product.

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AVAILABLE PACKING

1L | 5L | 25L | 208L

MACHINE OILS

API Viscosity	Specific gravity (15/4 °C)	K.Viscosity(cSt)		VI	Flash Point °C	Pour Point °C	copper-corrosion (100°C, 3hrs)	Application
		40 °C	100 °C					
ISO VG 10	0.830	10.0	2.7	108	179	-45	1a	*High speed spindle bearing
ISO VG 15	0.830	15.0	3.5	112	208	-39	1a	
ISO VG 22	0.842	22.0	4.37	107	224	-27	1a	
ISO VG 68	0.870	68.0	8.92	105	240	-24	1a	*Multi-purpose industrial oil
ISO VG 100	0.878	100.0	11.7	105	248	-21	1a	
ISO VG 150	0.880	150.0	15.2	102	252	-12	1a	
ISO VG 220	0.885	220.0	19.5	101	256	-12	1a	
ISO VG 320	0.890	320.0	25	100	260	-9	1a	
ISO VG 460	0.890	460.0	30.9	97	266	-9	1a	

COMPRESSOR OILS

API Viscosity	Specific gravity (15/4 °C)	K.Viscosity(cSt)		VI	Flash Point °C	Pour Point °C	copper-corrosion (100°C, 3hrs)	Application
		40 °C	100 °C					
ISO VG 32	0.860	32.0	5.5	108	230	-30	1a	*Reciprocating type compressors
ISO VG 46	0.867	46.0	7.0	109	234	-30	1a	
ISO VG 68	0.872	68.0	9.0	107	236	-27	1a	
ISO VG 32	0.860	32.0	5.5	108	230	-30	1a	*Rotary type compressors
ISO VG 46	0.867	46.0	7.0	109	234	-30	1a	
ISO VG 68	0.872	68.0	9.0	107	236	-27	1a	

HEAT TRANSFER OIL

API Viscosity	Specific gravity (15/4 °C)	K.Viscosity(cSt)		VI	Flash Point °C	Pour Point °C	copper-corrosion (100°C, 3hrs)	Application
		40 °C	100 °C					
ISO VG 32	0.850	32.0	5.5	108	230	-15	1a	*Various kinds of oil application for heat transfer
ISO VG 46	0.860	46.0	7.0	109	250	-15	1a	

TRANSFORMER OIL

API Viscosity	K.Viscosity (cSt) 40 °C	Viscosity Index	Flash Point (PMCC)	Pour Point	Before Treatment	After Treatment	Application
Inhibited	8.9	≥110	≥150	-30	>30	>70	*Transformer oil is used to insulate high-voltage electrical infrastructure such as transformers, capacitors, switches and circuit breakers.
Uninhibited I	15.0	≥110	≥150	-36	>30	>70	
Uninhibited II	10.0	≥110	≥150	-48	>30	>70	

AVAILABLE PACKING SIZE

1L | 5L | 25L | 208L Other packing size could be available upon request

Other grades of lubricants can be blended as per customers request. These typical results are of existing production. The future production will confirm to our blending specifications hence any variations in these results till not affect the product performance. Bottle design and color are for illustration purpose only there may be a slight difference in the actual product.

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MARINE ENGINE OIL

API Viscosity	K.Viscosity(cSt)		VI	TBN	Flash Point °C	Pour Point °C	Application
	100 °C						
SAE 30	9.3		≥95	40	≥230	-12	* All types of marine engines
SAE 40	12.5		≥95	40	≥230	-9	
SAE 50	16.3		≥95	40	≥230	-6	

SOLUBLE CUTTING OIL

Cutting Oil	Specific gravity (15/4 °C)	K.Viscosity(cSt)		Emulsion Type	Corrosion Test	pH at 3% Emulsion	Refractometer correction Factor	Application
		40 °C	100 °C					
Soluble Cutting Oil	0.95	>40.0	>6.0	Milky	3	9.1	1	*fabricating, forming, stamping, turning, milling sawing, bending, broaching and tapping.

THREAD CUTTING OIL

Cutting Oil	K.Viscosity(cSt)		Copper Strip Corrosion for 3 Hrs.	Flash Point	Active Sulphur	Application
	40 °C					
Thread Cutting Oil	32		1a	>215	Nil	*lubricate, dissipate heat, from the tool and workpiece, and remove chips during the cutting process.

NEAT CUTTING OIL

Cutting Oil	K.Viscosity(cSt)		Copper Strip Corrosion for 3 Hrs.	Flash Point	Active Sulphur	Application
	40 °C					
Neat Cutting Oil	36		1a	>215	Nil	* light machining to heavy-duty operations, eg., gear hobbing, broaching, turning, honing and drilling.

SLIDWAY OILS

API Viscosity	Specific gravity (15/4 °C)	K.Viscosity(cSt)		VI	Flash Point °C	Pour Point °C	copper-corrosion (100 °C, 3hrs)	Application
		40 °C	100 °C					
ISO VG 32	0.860	32.0	5.9	130	230	-36	1a	*Slideway and hydraulic oil for lightly loaded machining equipments
ISO VG 68	0.874	68.0	9.7	124	248	-27	1a	*Slideway for medium and heavy loaded equipments
ISO VG 100	0.885	220.0	20.5	248	252	-24	1a	*Vertical or heavily loaded slideway oil



AVAILABLE PACKING SIZE

1L | 5L | 25L | 208L Other packing size could be available upon request

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Engine oil Manufacturers' Certifications: ISO 9001:2015 | ISO 17025 | API | Volvo | EELQMS | REACH | ECAS | ACEA

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We manufacture these with custom-made solutions. Every industrial lubricant recommendation would be manufactured after an expert consultation.

1. Epobleh Spindle Oil
2. Epobleh Coning oil
3. Epobleh GEO SAE 40, SAE 15W 40 (Gas Engine Oil)
4. Epobleh Knitting Oil Series.

Other oil available:

- Refrigeration oil.
- Pneumatic oil
- Transmission fluid.

FOOD GRADE LUBRICANT

E-400 USDA H1 Food Grade White Tacky Grease

E-410 non-Melt Synthetic Food Grade H1 Grease

E-440 USDA H1 Food Grade Synthetic Pnuematic Air Line Oil

E-450 USDA H1 Food Grade Multipurpose Synthetic HTC Oil (32-150)

E-470 USDA H1 Food Grade Synthetic Gear Box Oil ISO 100-680

E-480 USDA H1 FDA Approved Machine Oil (-65 Degree Celcius)

E-490 USDA H1 FDA Approved Paraffin Oil



AVIATION LUBRICANT

- Aviation lubricant
- Aviation turbine oil
- Aviation piston engine oil
- Aviation grease



MARINE ENGINE OIL

- Marine stern tube oil.
- Marine compressor oil.
- Marine turbine oil.
- Marine hydraulic oil.
- Marine trunk piston engine oil.
- Marine cylinder oil.
- Marine gear oil.
- Marine system oil.



BASE OIL SUPPLY AND EXPORT

Base oil available:

Group I

Group II

Group III

Group IV

Group V

Recycled base oil

Bright stock





EPOBLEH

FACTORY-DIRECT ENGINE OILS

Manufacturer's Certifications: ISO 9001:2015 | ISO 17025 | API | Volvo | EELQMS | REACH | ECAS | ACEA

 www.epobleh.com  +234 812 210 4693  sales@epobleh.com