



LEGION EXIM



ADDING LIFE TO MACHINES



PRODUCT CATALOGUE

AUTOMOTIVE & INDUSTRIAL LUBRICANTS

Aji GIDC, Road B, Rajkot, Gujarat - INDIA
trade@legionexim.com | +91 91060 31803
www.legionexim.com

LEGATO

4 STROKE ENGINE OIL
20W-40



LEGION EXIM

Description

LEGATO 4T Plus 20W-40 is premium multi grade engine oil designed to meet the demanding lubrication requirements of all modern Four Stroke engines.

Applications

Recommended for use in 4 Stroke vehicle leading manufacturers

Performance Benefits

- Optimized Co-efficient of Friction
- Sludge & Varnish Control
- Possess absolute controls of corrosive wear
- Excellent thermal & oxidation stability
- Prolonged engine life & enhanced drain
- Outstanding engine cleanliness & multi grading

Performance Level

- Meets API SM,
- JASO MA-2

Kinematic Viscosity, cSt @100°C	14-16
Viscosity Index, Min.	100
Flash Point, COC, °C, min.	200
Pour Point, °C, Max.	-10
Sulphated Ash, %wt, Max.	0.5 to 1.2
TBN, mgKOH/g, Min.	4 to 7

Packing Available

900ml, 1ltr, 50ltr, 210ltr.



LEGATO SYNTH

4 STROKE ENGINE OIL
20W-40



LEGION EXIM

Description

LEGATO SYNTH 4T is high performance engine oil for 4 stroke engine. This oil is blended from high viscosity index base stocks and contains additives to meet the stated performance standards

Applications

Recommended for use in 4 Stroke vehicle leading manufacturers

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.

Performance Level

- Meets API SM,
- JASO MA-2

SAE GRADE	20W-40
Kinematic Viscosity, cSt @100°C	13.5 - 15.5
Viscosity Index, Min.	145
Flash Point, COC, °C, min.	220
Pour Point, °C, Max.	-21
Sulphated Ash, %wt, Max.	0.6 to 0.75
TBN, mgKOH/g, Min.	0.80 to 0.85

Packing Available

900ml, 1ltr, 50ltr, 210ltr.



LEGATO SYNTH

4 STROKE ENGINE OIL
10W-30



LEGION EXIM

Description

LEGATO SYNTH 10W-30 is blended with structurally modified base stock blended with synergistic additive system for outstanding detergency.

Applications

This delicately balanced composition provides and exceeds tough industry performance standards thus ensuring reliability, emission control, economy and endurance.

Performance Benefits

- Selected synthetic group III base stocks impart inherent low temperature pumpability and excellent evaporation control in high speed, high temperature operation.
- Formulated with highly shear stable viscosity index modifiers which ensure viscosity control over extreme temperatures.
- Optimized wet-clutch performance.
- Excellent low temperature flow characteristics to help minimize engine wear during start up.
- Potential improvement in fuel economy.
- Enhanced oil life and longer drain period

Performance Level

- Meets API SN
- JASO MA-2

Kinematic Viscosity ,cSt @100°C	10-12
Viscosity Index, Min.	150
Flash Point, COC, °C, min.	200
Pour Point, °C, Max.	-30
Sulphated Ash, %wt, Max.	7to 7.5
TBN, mgKOH/g, Min.	0.80 to 0.85

Packing Available

900ml, 1ltr, 50ltr, 210ltr.



LEGATO

4 STROKE ENGINE OIL
10W-30



LEGION EXIM

Description

LEGATO RACER 4T Plus 10W-30 is premium multi grade engine oil designed to meet the demanding lubrication requirements of all modern Four Stroke engines.

Applications

Recommended for use in 4 Stroke vehicle leading manufacturers

Performance Benefits

- Extended TBN Quality reserves
- Prevents oil thickening and enhances oil life
- Possess absolute controls of corrosive wear
- Excellent thermal & oxidation stability
- Prolonged engine life & enhanced drain
- Outstanding engine cleanliness & multi grading

Performance Level

- Meets API SM
- JASO MA-2

Properties	Racer 4T Plus 10W-30
Kinematic Viscosity, cSt @100°C	80-90
Viscosity Index, Min.	110
Flash Point, COC, °C, min.	200
Pour Point, °C, Max.	-9
Sulphated Ash, %wt, Max.	0.5 to 1.5
TBN, mgKOH/g, Min.	4 to 7

Packing Available

900ml, 1ltr, 50ltr, 210ltr.

Description

LEGATO SYNTH 20W- 40 is heavy duty long drain multigrade diesel engine oil formulated from superior quality high viscosity index base oils and carefully selected detergent-dispersant inhibitors, anti-wear additives & a special oil thickening control agent.

Applications

This oil is recommended for high speed Naturally Aspirated / Turbo / Supercharged diesel engines operating at low speed and high torque conditions prevalent in prolonged city stop & go driving conditions and also in hilly regions.

It is also recommended for use in Heavy Duty Commercial Vehicles, Light Commercial Vehicles and Multi Utility Vehicles.

Performance Benefits

- Excellent viscosity control under extreme operating conditions
- Improved engine cleanliness
- Extended oil drain interval
- Reduced oil consumption
- Longer engine life
- Suitable for use in all seasons

Performance Level

- ITS MEETS API CF
- IS 13656:2002
- USMIL-L-2104C

Properties	20w 40
Kinematic Viscosity ,cSt @100°C	14-16
Viscosity Index, Min.	125
Flash Point, COC, °C, min.	220
Pour Point, °C, Max.	-21
Sulphated Ash, %wt, Max.	0.5 to 1.5
TBN, mgKOH/g, Min.	7 to 9

Packing Available

500ml, 1ltr, 3ltr, 3.5ltr, 5ltr, 7.5ltr, 10ltr, 20ltr, 50ltr, 210ltr.



Description

It is formulated for lubrication of modern diesel engines meeting latest base stoke (group III+IV) and operating under severe conditions to meet stringent base stoke. It is fortified with superior quality high viscosity index improvers and unique anti-wear additives to protect heavily loaded engine parts such as valve train.

Applications

Recommended for all naturally aspirated as well as turbocharged diesel engines in commercial vehicle, utility vehicles, cars & jeeps, earth moving & Construction equipments & DG sets.

Performance Benefits

- Long Drain & prolonged engine life
- Extended TBN quality reserve
- Reduced oil consumption
- Excellent soot & sludge control
- Prolonged engine life

Performance Level

- MEETS API CF-4
- MEETS MIL-L204-E

Properties	15w40
Kinematic Viscosity, cSt @100°C	13-15
Viscosity Index, Min.	120
Flash Point, COC, °C, min.	200
Pour Point, °C, Max.	-12
Sulphated Ash, %wt, Max.	0.5 to 1.5
TBN, mgKOH/g, Min.	7 to 9

Packing Available

500ml, 1ltr, 2.5ltr, 3ltr, 3.5ltr, 5ltr, 7.5ltr, 10ltr, 20ltr, 50ltr, 210ltr.



Description

LEGATO SYNTH 20W- 40 is heavy duty long drain multigrade diesel engine oil formulated from superior quality high viscosity index base oils and carefully selected detergent-dispersant inhibitors, anti-wear additives & a special oil thickening control agent.

Applications

This oil is recommended for high speed Naturally Aspirated / Turbo / Supercharged diesel engines operating at low speed and high torque conditions prevalent in prolonged city stop & go driving conditions and also in hilly regions.

It is also recommended for use in Heavy Duty Commercial Vehicles, Light Commercial Vehicles and Multi Utility Vehicles.

Performance Benefits

- Excellent viscosity control under extreme operating conditions
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- Extended oil drain interval
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- Longer engine life
- Suitable for use in all seasons

Performance Level

- ITS MEETS API CF
- IS 13656:2002
- USMIL-L-2104C



Properties	20w 40
Kinematic Viscosity, cSt @100°C	14-16
Viscosity Index, Min.	125
Flash Point, COC, °C, min.	220
Pour Point, °C, Max.	-21
Sulphated Ash, %wt, Max.	0.5 to 1.5
TBN, mgKOH/g, Min.	7 to 9

Packing Available

500ml, 1ltr, 3ltr, 3.5ltr, 5ltr, 7.5ltr, 10ltr, 20ltr, 50ltr, 210ltr.

Description

LEGATO 20w 40 are high performance engine oils for new generation petrol and diesel vehicles. These oils are blended from high viscosity index base stocks and contain additives to meet the stated performance standards.

Applications

This engine Oils are recommended for new generation petrol and diesel cars. These oils are also suitable for existing passenger cars and four stroke two wheelers i.e. scooters and motorcycles.

Performance Benefits

- Superior performance in terms of oxidation stability, dispersancy characteristics and energy efficiency.
- Excellent sludge control and extra wear protection at high temperatures and severe operating conditions.
- Outstanding overall engine cleanliness and also provide long engine life.
- Fuel savings and low oil top up. Catalytic Converter Compatible

Performance Level

- Meets API CD/SF
- IS:13656 – 1993
- US Military MIL-L-46152 B

Properties	20w 40
Kinematic Viscosity, cSt @100°C	14-16
Viscosity Index, Min.	105
Flash Point, COC, °C, min.	200
Pour Point, °C, Max.	-12
Sulphated Ash, %wt, Max.	0.5 to 1.5
TBN, mgKOH/g, Min.	5 to 7

Packing Available

500ml, 1ltr, 3ltr, 3.5ltr, 5ltr, 7.5ltr, 10ltr, 20ltr, 50ltr, 210ltr.



Description

LEGATO SYNTH is blended with synthetic Group III base stocks blended with synergistic additive system for outstanding detergency. The additive chemistry and dosage are carefully optimized for control on elements resulting in retention of effectiveness of catalytic converters. This delicately balanced composition provides and exceeds tough industry performance standards thus ensuring reliability, emission control economy and endurance.

- Synthetic Group III based engine oil recommended for high-performance gasoline engines.
- Based on cutting edge technology with a tailor made additive system.
- Formulated for extra wear protection for long life of oil and engine.
- Provides fuel economy and resource conserving as per ILSAC GF

Performance Level

- API CH-4 / SJ
- MB 228.3

Properties	5w - 30
Kinematic Viscosity, cSt @100°C	10-12
Viscosity Index, Min.	160
Flash Point, COC, °C, min.	210
Pour Point, °C, Max.	-45
Sulphated Ash, %wt, Max.	7 to 8
TBN, mgKOH/g, Min.	2.9



LEGATO
GEAR OIL
EP - 90/140



Description

LEGATO GEAR EP 90, 140LEGA Gear oil ST Straight mineral automotive transmission and differential lubricants designed for non EP- gear lubrication

Applications

Application areas hypoid gears & manual transmission for automobile requiring these types of non EP gear oils

Performance Benefits

- Moderate duty Automotive gear oils
- Provide effective protection

Performance Level

Meets IS 1277:1987

GL - 4

Properties	90	140
Kinematic Viscosity, cSt @100°C	16-18	28-33
Viscosity Index, Min.	90	90
Flash Point, COC, °C, min.	200	200
Pour Point, °C, Max.	-6	-3

Packing Available

500ml, 1ltr, 5ltr, 10ltr, 20ltr, 50ltr, 210ltr.

LEGAHYDRO oils designed for use in circulating systems are made from high viscosity index; chemically stable base stocks which are further fortified with antioxidants, anticorrosion, antiwear and antifoam additives. They meet the requirements of high pressure system and also of where high pump speeds are encountered.

Applications

They meet the requirements of high pressure system and also of where high pump speeds are encountered.

Performance Benefits

- Right viscosity to satisfy the demands of hydraulic pump and the designed system.
- High viscosity index to restrict viscosity changes under operating condition.
- Good film strength and antiwear properties to Minimize wear of pump, valves, Cylinders, pistons etc.
- Maximum demulsibility to allow entrained water to settle down.
- Excellent corrosion resistance to prevent rusting and corrosion of metal parts.
- Resistance to foaming to ensure prompt and efficient functioning.
- High chemical stability to ensure long and trouble free service life.

Properties	32	46	57	68	N68	100	121	150	176	220	320	460
Viscosity ,cSt @40°C	29-34	42-50	52-62	62-68	62-68	90-100	118-124	140-160	170-180	200-240	310-340	430-500
Viscosity Index, Min.	90	90	90	90	90	90	90	90	90	90	90	90
Flash Point, COC, °C, min.	190	190	210	210	210	210	220	230	230	230	250	260
Pour Point, °C, Max.	-9	-9	-9	0	0	0	0	0	0	0	0	0
Neutralization Number (mgKOH/gm) MAX	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3

Packing Available

5ltr, 10ltr, 20ltr, 50ltr, 210ltr.

Description

LEGATO TRANS-FLUID is formulated to meet the General Motor's automatic transmission fluid Type a Suffix specification. This fluid imparts Anti-oxidation, anti-wear, dispersancy, de-foaming and desired friction characteristics.

Applications

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

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

Colour	Red
Kinematic Viscosity, cSt @100°C	7.4 - 7.6
Viscosity Index, Min.	110
Flash Point, COC, °C, min.	190
Pour Point, °C, Max.	-20

Packing Available

500ml, 1ltr, 5ltr, 20ltr, 50ltr, 210ltr.



LEGATO 20W-50



LEGION EXIM

Description

LEGA 20W 50 oils are high performance 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 stated performance standards.

Applications

It is specially designed for use in Engines having slider follower. It is also suitable for use in Engines having roller followers also.

Performance Benefits

- Superior performance in terms of oxidation stability dispersancy characteristics and energy efficiency.
- Excellent sludge control and extra wear protection at high temperatures and severe operating conditions.
- Outstanding overall engine cleanliness and also provide long engine life.
- Fuel savings and low oil top up. Catalytic Converter Compatible

Performance Level

- MEETS API SF/CC
- MIL-46152 B, IS 13656-1993

Properties	20W-50
Kinematic Viscosity, cSt @100°C	16.3-19
Viscosity Index, Min.	90
Flash Point, COC, °C, min.	200
Pour Point, °C, Max.	-9
TBN, mgKOH/g, Min.	5.67



Packing Availa

500ml, 1ltr, 2.5ltr, 3ltr, 3.5ltr, 5ltr, 20ltr, 50ltr, 210ltr.