



*STANDARD OIL*®



STANDARD OIL® has been setting the standards for continuous innovation, research and development and consistency in delivering world-class products in the lubricants industry. For over two decades, STANDARD OIL® has been the leading total lubrications solution provider creating dependable energy efficient products engineered to enhance productivity across industries.

With a growth rate of 20% annually, STANDARD OIL® is one of the fastest growing lubricant brand in the UAE. Equipped with state-of-the-art production facility, STANDARD OIL® is one of the regions best seller lubricant products with a comprehensive line of leading edge premium lubricants ideal for use in a diverse range of industries. Exporting to over 10 countries in 4 continents, STANDARD OIL® branded lubricants have made a profound mark in the lubricants industry.

We realize that customer loyalty is our lifeline. Customer service is top priority and that starts with our culture and every STANDARD OIL® product is backed by the first-class service and support you expect from an industry leader and a dedicated team to provide information and assistance. With a state of art warehousing and logistic infrastructure, we provide our customers with timely and ready solutions helping our clients experience the advantage.

STANDARD OIL® - leading the way in high performance lubricants!  
*(Proudly owned and manufactured by AXCL GULF)*



### STANDARD OIL® Fully Synthetic Motor Engine Oil

STANDARD OIL® Fully Synthetic lubricants offer superior performance for the higher power and speeds in today's engines. It delivers extraordinary lubrication in all types of automotive gasoline engines. Its unique and proprietary formula helps your vehicle maintain maximum horsepower by reducing harmful deposit formation.

*Performance Level*  
ILSAC GF-5, API SN, GM dexos (TM)1

#### Benefits and Advantages

- An advanced additive package that neutralizes corrosive particles, preventing them from grouping together and forming power-robbing sludge.
- Stability and endurance under extreme conditions (heat, load, speed) that can cause conventional oils to break down.
- Superior engine protection that outperforms leading conventional and synthetic blend oils, passing severe industry torture tests.

#### Typical Properties

SAE Grade	Test Method	0W-20	5W-20	0W-30	5W-30	10W-30
Viscosity@100°C, cSt	ASTM D 445	8.8	8.7	10.4	10.5	10.5
Viscosity@40°C, cSt	ASTM D 445	46.7	50.2	58.3	60.1	62.5
Viscosity Index	ASTM D 2270	170	153	170	166	158
Pour Point	ASTM D 97	-53	-53	-51	-51	-48
Flash Point, PMCC, C min	ASTM D 92	232	232	228	226	232
Total Base Number	ASTM D 2896	12.6	12.6	12.6	12.6	12.6



### STANDARD OIL® Semi Synthetic Motor Engine Oil

STANDARD OIL® Semi Synthetic lubricant is specifically formulated to meet high performance requirements of the latest model car and trucks. STANDARD OIL® is superior to conventional oils as it exhibits a higher viscosity index, better thermal and oxidation stability as well as lower volatility. STANDARD OIL® is fortified with unique phosphate esters.

*Performance Level*  
API SM/CF, ILSAC, GF-4

#### Benefits and Advantages

- Improved fuel economy & power output
- Reduced emissions
- Enhances life of crankcase
- Extended drain capability
- Superior lubrication- increased engine life

#### Typical Properties

SAE Grade	Test Method	10W-30	10W-40	15W-40	15W-50	20W-50
Viscosity@100°C, cSt	ASTM D 445	11.40	14.5	14.97	17.5	18.91
Viscosity@40°C, cSt	ASTM D 445	77.22	102	116.4	146	146.9
Viscosity Index	ASTM D 2270	139	150	133	136	130
Pour Point	ASTM D 97	-36	-33	-31	-30	-24
Flash Point, PMCC, C min	ASTM D 92	234	238	242	249	249
Density @15C, Relative	ASTM D 1298	0.865	0.866	0.872	0.872	0.873



### STANDARD OIL® Motor Engine Oil

STANDARD OIL® is a unique engine lubricant specifically formulated to meet high performance requirements of the latest model car and trucks. This product was specially designed for use in sports cars and luxury vehicles that require a highly stable engine oil that will withstand the most extreme demanding performance criteria. It is so thoroughly tested that it has been approved by the internationally recognized organization known as the API (American petroleum Institute) and their department called the Eolcs. This product carries the full donut approval for API SL/CF-4 and energy conserving (EC).

#### Performance Level

API SL/CF-4, MIL-L-46152D, CCMC G5/PD2

#### Benefits and Advantages

- Improved fuel economy & power output
- Reduced emissions
- Enhances life of crankcase
- Extended drain capability
- Superior lubrication – increased engine life down.

#### Typical Properties

SAE Grade	Test Method	15W-40	20W-50	20W-60
Viscosity@100° C, cSt	ASTM D 445	15.19	19.77	23.75
Viscosity@40° C, cSt	ASTM D 445	120.9	191.3	277.2
Viscosity Index	ASTM D 2270	130	119	107
Pour Point	ASTM D 97	-27	-24	-15
Flash Point, PMCC, C min	ASTM D 92	>220	>230	244
Density @15C, Relative	ASTM D 1298	0.882	0.882	0.808



### STANDARD OIL® Motor Engine Oil

STANDARD OIL® is a high quality motor oil intended for use in passenger cars that have normally aspirated engines or turbo-charged engines. These oils are most suitable for new cars and light trucks that require multi-grade properties. It meets and exceeds the requirements of API SJ/CF as well as the G5 and PD2 requirements of CCMC/ACEA. It also exceeds the car manufacturers engine oil performance criteria. STANDARD OIL® motor oil is specifically designed to provide extra protection against corrosion, oxidation, sludge and rust. The built-in viscosity improver protects in extreme weather conditions.

#### Performance Level

API SJ/CF, MIL-L-4152D, CCMC G5/PD2

#### Benefits and Advantages

- Lowers oil consumption
- Provides a cleaner & smoother running engine
- Enhances life of crankcase
- Protects against rust and corrosion

#### Typical Properties

SAE Grade	Test Method	15W-40	20W-50	20W-60
Viscosity@100° C, cSt	ASTM D 445	15.19	19.77	23.75
Viscosity@40° C, cSt	ASTM D 445	120.9	191.3	277.2
Viscosity Index	ASTM D 2270	130	119	107
Pour Point	ASTM D 97	-27	-24	-15
Flash Point, PMCC, C min	ASTM D 92	>220	>230	244
Density @15C, Relative	ASTM D 1298	0.882	0.882	0.808

## STANDARD OIL® Fully Synthetic Diesel Engine Oil



STANDARD OIL® Fully Synthetic Diesel Engine Oil lubricant is the premium choice for API CJ-4 emission-quality diesel oil required by model-year 2007 and newer diesel engines. It delivers extraordinary lubrication in diesel engines found in commercial, fleet and personal vehicles. Built with the latest additive and synthetic base oil technology and exceeds the higher performance demands of modern engines. It withstands the stress of heat, soot and acids to help prevent deposits, wear and corrosion. It is wax-free with a broad viscosity range to provide exceptional cold-weather starting and high temperature protection. It resists breakdown and offers maximum fuel efficiency over extended drain intervals.

### Performance Level

API CJ-4, CI-4+, CF, SM, ACEA E7,E9, Mack EO-O Premium Plus, DDC Power Guard 93K218, Caterpillar ECF-3, ECF-2, Cummins 20081, Volvo VDS-4, MB 228.31, MTU Type I & II, MAN 3275, JASO DH-2, Global DHD-1, Renault RLD-3

### Benefits and Advantages

- Exceeds Emission System Requirements
- Extended Drain Performance
- Improves Fuel Economy
- Reduces Oil Consumption and Emissions

### Typical Properties

SAE Grade	Test Method	5W-30	5W-40	10W-30	10W-40
Viscosity@100°C, cSt	ASTM D 445	11.7	14.5	12.0	14.5
Viscosity@40°C, cSt	ASTM D 445	67.9	90.8	60.6	98.3
Viscosity Index	ASTM D 2270	168	167	144	152
Pour Point	ASTM D 97	-50	-46	-38	-39
Flash Point, PMCC, C min	ASTM D 92	240	238	220	230
Total Base Number	ASTM D 2896	12.1	12.1	12.1	12.1



## STANDARD OIL® Semi Synthetic Motor Engine Oil

STANDARD OIL® Semi Synthetic diesel engine oil is manufactured to provide premium performance in diesel automotive engines used in heavy industries. It provides excellent all weather protection and controls the emission in high speed engines. It is blended with the latest additive technology and recommended by OEM'S for use in European, American & Japanese manufactured engines.

VW 502.00/505.00, JASO MA, JASO DH-1, Global DLD-2/DLD-3, Ford M2C153-H/171-C

### Benefits and Advantages

- Very good resistance against corrosion & high temperature oxidation
- Excellent internal engine cleanliness & resistance against sludge formation
- SAE 15W40 multi grade characteristic allow all-season application
- For application of mixed fleets where product rational is required

### Performance Level

API CI-4 PLUS/SL, ACEA A3/B4/E7, MB 228.3/229.3,

### Typical Properties

SAE Grade	Test Method	10W-40	15W-40	15W-50
Viscosity@100°C, cSt	ASTM D 445	15.7	15.14	19.7
Viscosity@40°C, cSt	ASTM D 445	124	114.9	166
Viscosity Index	ASTM D 2270	133	137	132
Pour Point	ASTM D 97	-35	-30	-27
Flash Point, PMCC, C min	ASTM D 92	220	>220	>230
Total Base Number	ASTM D 2896	11.5	11.5	11.5



### STANDARD OIL® Diesel Engine Oil

STANDARD OIL® diesel engine oil is manufactured to provide premium all round performance in diesel engines used for the road transport and construction industries. It provides excellent all weather protection and controls the emissions in high speed engines. It is blended with the latest additive technology and recommended by OEM'S for use in European, American and Japanese manufactured engines.

**Performance Level**  
API CH-4/CG-4/SL - ACEA E3-96 ISSUE 3 - ACEA A3-98/  
B3-98 ISSUE 2/B4-02 - VOLVO VDS 2 RENAULT VI RD -

MACK EO-M - ALLISON C-4 (LEVEL) - MB 228.2/3 - MB 229.1 - MAN M3275 MTU/DDC TYPE 2 - CUMMINS 20071/20072

#### Benefits and Advantages

- High alkalinity reserve
- Advanced additive technology
- Control of low temperature sludge and deposits
- Low emission technology

#### Typical Properties

SAE Grade	Test Method	15W-40	20W-50
Viscosity@100°C, cSt	ASTM D 445	14.3	19.5
Viscosity@40°C, cSt	ASTM D 445	141	182.6
Viscosity Index	ASTM D 2270	130	123
Pour Point	ASTM D 97	-23	-21
Flash Point, PMCC, C min	ASTM D 92	222	235
Total Base Number	ASTM D 2896	12.0	12.0



### STANDARD OIL® Diesel Engine Oil

STANDARD OIL® diesel engine oil is a highly advanced lubricant designed for the demanding applications in all types of naturally aspirated and turbo charged engines. This product is suitable for both petrol and diesel engines especially for engines in commercial, agricultural and industrial vehicles. It provides excellent protection and controls the harmful effects of sludge build up. It also provides protection from wear & tear and enhanced oxidation stability.

**Performance Level**  
API CF-4/CF/SJ, MIL-L-2104E, MIL-L-46152C, CCMC D4, ALLISON C-3

#### Benefits and Advantages

- Enhances engine life
- Outstanding control of high temperature deposits
- Control of low temperature sludge and deposits
- Better alkalinity (TBN) retention & detergency

#### Typical Properties

SAE Grade	Test Method	15W-40	20W-50
Viscosity@100°C, cSt	ASTM D 445	14.3	19.5
Viscosity@40°C, cSt	ASTM D 445	141	182.6
Viscosity Index	ASTM D 2270	130	123
Pour Point	ASTM D 97	-23	-21
Flash Point, PMCC, C min	ASTM D 92	222	235
Total Base Number	ASTM D 2896	10.5	10.5

## STANDARD OIL® 4T Motor Engine Oil



STANDARD OIL® 4T Motor Engine Oil is specially designed keeping in view the high temperature operating conditions encountered in air cooled 2-wheeler/3-wheeler engines unlike in the case of passenger car engines, which are water cooled. Further these oils possess special frictional properties required for smooth operation of wet clutches used in these vehicles. These oils provide outstanding oxidation and wear protection for extended oil & engine life. These oils minimize engine deposits due to excellent sludge and varnish control. Being multigrade oils, these are suitable for use in all seasons.

high ambient temperatures and/or severe operating conditions.

- Higher viscometrics provide better lubrication at all operating temperatures and reduces Engine Noise.
- Reduced maintenance & operating costs due to excellent wear protection to Engine parts & Gears.
- Outstanding protection for 2-wheeler/3-wheeler gasoline engines.
- Excellent cleanliness and wear protection in high-temperature/hot-running engines, even at longer drain intervals.
- Suitable for use in Tuk Tuk (Autorickshaws) operating on Petrol fuel.

It is specially recommended for vehicles operating at

### Typical Properties

SAE Grade	Test Method	10W-40	20W-50
Viscosity@100°C, cSt	ASTM D 445	15.8	18.7
Viscosity@40°C, cSt	ASTM D 445	106	181
Viscosity Index	ASTM D 2270	159	116
Pour Point	ASTM D 97	-25	-23
Flash Point, PMCC, C min	ASTM D 92	238	242
Total Base Number	ASTM D 2896	8.0	8.75

## STANDARD OIL® Automatic Transmission Fluid



STANDARD OIL® ATF is highly refined fluid made from solvent base oils, viscosity index improvers, anti-oxidants, anti-wear agents, detergents, defoamers and special friction modifiers. This highly advanced ATF can be used in applications such as power steering systems, hydraulics and hydrostatic systems.

- Outstanding friction and heat transfer properties
- Perfect behaviour at low temperature
- Proven compatibility with elastomers (seals)
- Superior oxidation resistance

- Outstanding resistance to corrosion, foaming, shearing and rust formation.
- High degree of anti-wear and extreme pressure properties

### Typical Properties

SAE Grade	Test Method	Type A	Dex II	Dex III
Viscosity@100°C, cSt	ASTM D 445	7.0	7.0	7.1
Viscosity@40°C, cSt	ASTM D 445	42.7	39.0	34.8
Viscosity Index	ASTM D 2270	100	162	178
Pour Point	ASTM D 97	-32	-36	-41
Flash Point, PMCC, C min	ASTM D 92	196	216	176
Density @15C, Relative	ASTM D 1298	0.87	0.86	0.85

## STANDARD OIL® Gear Oil



STANDARD OIL® specialized gear lubricant contains highly developed sulphur-phosphorous extreme pressure (EP) additives that are designed to meet rigorous demands of commercial-fleet manual transmissions, drive axles and final drives. Its special additive technology assures an excellent protection against metal-to-metal contact of the gears under the most severe operating conditions, even under shock loads. This product is highly suitable for heavy earth moving equipment, farm equipment and passenger cars. It provides excellent chemical and thermal stability at elevated bulk oil temperatures, good performance at low temperatures, and have demonstrated good rust protection resulting from water contamination and wet conditions. Furthermore, the viscosity grades have an excellent low temperature fluidity for an optimum performance during all

seasons. It shows an excellent oxidation and thermal stability. Seals are not affected by this product.

Recommended for use in hypoid or spiral bevel gear differentials and industrial gear units. Heavy-duty manual transmissions, axles. On-highway light and heavy-duty trucks, busses, vans, and cars. Off-highway industries including: construction, mining, quarrying, and agriculture. Other heavy-duty industrial and automotive applications involving hypoid and other gears.

### Performance Level

API GL-5/MT-1, BTR 5M-31, MIL-L-2105D, ZF TE ML-01/02/05/07/08

### Typical Properties

SAE Grade	Test Method	75W-90	75W-80	85W-140	80W-90	140	90
Viscosity@100°C, cSt	ASTM D 445	16.35	7.540	28.0	14.5	28.0	14.5
Viscosity@40°C, cSt	ASTM D 445	112.3	53.23	387.0	137.0	387.0	137.0
Viscosity Index	ASTM D 2270	157	107	98	105	98	105
Pour Point	ASTM D 97	-42	-39	-21	-27	-9	-12
Density @15°C, Relative	ASTM D 1298	0.889	0.866	0.903	0.892	0.903	0.892

## STANDARD OIL® Hydraulic Oil



STANDARD OIL® Hydraulic Oils are formulated using the best quality mineral base stocks available. It imparts excellent resistance to oxidation demanded by the sophisticated Hydraulic systems. STANDARD OIL® Hydraulic Oils provide outstanding high temperature stability, longer drain intervals and clean operation of equipment. Also suitable for a wide temperature range and applications. Serves as multi service lubricant in Hydraulics, Circulating systems and Air Compressors.

### Performance Level

ISO 11158 HM, DIN 51524-2 HLP • Cincinnati-Milacron P68, P69, P70 • Denison HF0, HF1, HF2, GM LS2 • ISO 6743-4 HM, Eaton I-286S • DIN 51524-3 HVLP Poclairn

### Benefits and Advantages

- Reduced maintenance costs & Consumption
- Good water separation characteristics
- Protects Gears & Pumps in circulating system
- High Anti wear, Thermal & oxidation stability

### Typical Properties

ISO Grade	Test Method	32	37	46	68
Viscosity@100°C, cSt	ASTM D 445	5.489	5.859	6.956	9.012
Viscosity@40°C, cSt	ASTM D 445	32.01	35.87	46.59	68.06
Viscosity Index	ASTM D 2270	107	105	105	107
Foam Sequence I, II, III	ASTM D 892	0/0	0/0	0/0	0/0
Pour Point	ASTM D 97	Max -24	Max -24	Max -24	Max -21
Flash Point, PMCC, C min	ASTM D 92	Min 220	Min 220	Max 230	Max 230



## STANDARD OIL® Tractor Oil

STANDARD OIL® Tractor Oil is a high quality multi-functional, specially formulated for use in four stroke normally aspirated and turbocharged engines. It can be used in various types of tractor crankcase, combine harvesters requiring single oil for the Tractor Hydraulic Fluid (THF), transmission and final drives of modern farm equipment, industrial wheel and crawler tractors.

### Application

Suitable to all types of Tractors where manufacturer recommend to use a STOU Product. Suitable for mixed fleets of agriculture tractors and associated equipment, automated manual transmission, gear boxes, mobile hydraulic system, and suitable in mobile or stationary diesel engine.

### Performance Level

API - CG-4/SF, GL4, ZF TE; ACEA. - E3; UTTO – Ford,

Case, John & Massy Ferguson; STOU - Ford M2C 159B/C, M2C 134D, John Deere J27 & J20C, New Holland 82009201/2/, New Holland MAT 3525 3526, Massy Ferguson CMS, M1139/1135/1144/1145

### Benefits & Advantages

- Multi application additive package enables use in engines, transmission, final drives and hydraulic system
- Protection against acid, varnish, carbon deposits, formation of gums, and reduces oil thickening. Multi-viscosity characteristic ensure rapid oil circulation on start-up, preventing wear
- Special friction modifier component that allows smooth action of the wet brakes and power take-off clutches, minimizing chatter, stick slip and squawk

### Typical Properties

SAE Grade	Test Method	10W-30	15W-40	20W-40
Viscosity@100°C, cSt	ASTM D 445	11.6	14.8	15.2
Viscosity@40°C, cSt	ASTM D 445	81.2	112.8	135.0
Viscosity Index	ASTM D 2270	135	135	115
Pour Point	ASTM D 97	-27	-24	-24
Flash Point, PMCC, C min	ASTM D 92	225	230	235
Density @15°C, Relative	ASTM D 1298	0.884	0.889	0.893



## STANDARD OIL® Coolant & Antifreeze

STANDARD OIL® Coolant & Antifreeze is recommended for use in liquid cooling systems of automotive and industrial gasoline and diesel engines. They are available in various concentrations ready for use. The higher boiling points of STANDARD OIL® Coolant & Antifreeze are beneficial in hot weather and at high altitudes.

### Application

STANDARD OIL® Coolant & Antifreeze protects cooling systems of gasoline and diesel engines against rust in all seasons. They provide ideal cooling, effective protection against corrosion and scale deposit formation in

the cooling systems year-round, resulting in longer radiator life and lower maintenance cost.

### Benefits & Advantages

- High boiling point gives better cooling performance in high temperature condition
- Excellent anti-foam properties
- Withstands freezing at low temperatures
- Protects the radiator against rust & corrosion
- Compatible with ordinary summer coolant
- Protection against excessive evaporation
- Provides year round cooling and anti-freeze properties

### Typical Properties

Concentration	Test Method	30	40	50	100
Color	Visual	Green/Blue	Green/Blue	Green/Blue	Green/Blue
Density @ 20°C	ASTM D 1298	1.01	1.07	1.07	1.13
pH	ASTM D 1287	7.2	8.0	7.9	8.3
Reserve Alkalinity	ASTM D 1121	3.2	3.4	3.5	7.6
Freezing Protection	ASTM D 1177	-15	-25	-36	-15
MEG Concentration	Distillation	29.3	39.7	48.8	99.4



## STANDARD OIL® Industrial Oil



STANDARD OIL® industrial oil is a high performance, mild EP, industrial gear lubricant formulated with a sulfur-phosphorus additive system, which also provides rust and oxidation inhibition, a corrosion and oxidation inhibitor and a metal passivator. Designed primarily for industrial gear lubrication services where loads and shock loadings are high.

### Application

Enclosed industrial gear drives • Open gear drives (heavy grades) • Spur, bevel, helical, worm and industrial hypoid gear cases • Industrial type reduction gearboxes on mining equipment, cement mills, ball and rolling mills, crushers, conveyors, kilns, winches, machine tools and marine equipment • Chain drives,

sprockets, slide guides and flexible couplings • Plain and rolling element bearings • For bath, splash, circulation or spray lubrication, as applicable to the grade.

### Performance level

ANSI/AGMA 9005-D94 [EP] (Grades 68 to 320), U.S. Steel 224 (Grades 68 to 320), AGMA 250.04[EP](Grades 68 to 680), David Brown Table E approved (Grades 68 to 680), AGMA 251.02[EP](Grades 68 to 680)

### Benefits and advantages

- Maintains gear set efficiencies
- Extends equipment life
- Long oil life

### Typical Properties

ISO grade	100	150	220	320	460	680	1000
ANSI/AGMA 9005-94	3EP	4EP	5EP	6EP	7EP	8EP	8AEP
AGMA 250.04 & 251.02	3EP	4EP	5EP	6EP	7EP	8EP	-
David Brown Grade	3E	4E	5E	6E	7E	8E	-
FZG, Load Stage	12	12	12	12	12	12	12
Pour Point C	-15	-15	-15	-15	-15	-12	-3
Timken OK Load, kg	27.5	27.5	27.5	34.0	34.0	34.0	34.0
Viscosity mm <sup>2</sup> /s @ 40C	95.5	143	210	306	439	650	955
Viscosity mm <sup>2</sup> /s @ 100C	11.0	14.5	18.6	23.7	29.8	36.5	44.0
Viscosity Index	100	99	98	97	96	91	85

## STANDARD OIL® Soluble Cutting Oil



STANDARD OIL® soluble cutting oil is a premium quality soluble cutting oil manufactured from a mixture of special base oils and carefully balanced blend of emulsifying agents to produce a fluid with maximum cooling ability, excellent lubricity and anti-weld properties, very stable emulsifying agents with biocide to provide good resistance to bacterial growth. It has a good alkalinity reserve with low foaming tendencies.

### Application

STANDARD OIL® soluble cutting oil has been developed to operate over a wide range of carbon steel machining operations. Suitable for light machining such as drilling, planning, milling in soft in normal water conditions, it can also be used for grinding where a clean emulsion is required to rapidly settle-out the grinding metal fines.

### Typical Properties

Test	Test Method	Properties
Viscosity@100°C, cSt	ASTM D 445	5.85
Viscosity@40°C, cSt	ASTM D 445	37.0
Specific Gravity @ 15C	ASTM D-1298	0.885
Flash Point, PMCC, C min	ASTM D 92	136
Emulsion Test	Visual	Stable

## STANDARD OIL® Brake Fluid DOT-3

STANDARD OIL® brake fluid is a high quality brake fluid blended from glycol ethers and Polyglycols. It is formulated to contain oxidation and corrosion inhibitors to enhance its chemical stability.

- Consistent and safe brake performance under high braking pressure.
- Reduces leakage and loss of fluid to a minimum
- Improved life and reliability of brake system components

Meets or exceeds all passenger car and light truck manufacturer's warranty requirements for vehicles

or brake systems where an FMVSS No. 116 DOT 3, SAE J1703, ISO 4925 Class 3 brake fluid is specified.

### Benefits & Advantages

- High boiling point to prevent vapour forming in brake systems
- Firm braking pressure in all operating conditions
- Excellent chemical stability
- Protects metals and rubbers used in brake and hydraulic systems



### Typical Properties

Test	Test Method	Result
Viscosity at 40°C, cSt	ASTM D-445	1250
Boiling Point (ERBP), min °C (°F)	SAE J-1703	265
Appearance		Pale Yellow
pH	FVMSS-116	7.5 - 10.0
Flash Point, COC, min °C (°F)	ASTM D-92	121 (250)
Specific Gravity, 60°F	ASTM D-1298	1.032

## STANDARD OIL® Lithium Grease

STANDARD OIL® Lithium Grease is a multipurpose grease which includes extreme pressure additives offering excellent oxidation stability, rust protection, wear protection and good resistance to water. It can carry high loads and is recommended for heavily loaded anti-friction and plain bearings on industrial and automotive equipments.



### Typical Properties

NLGI Grade	No. 2	No. 3
Soap type	Lithium	Lithium
Appearance	Light Yellow / Amber Green	Light Yellow / Amber Green
Oil Viscosity @ 40°C	cSt 180 - 220	cSt 180 - 220
Cone penetrated (worked)	272	232
Dropping Point °C	207	208
Corrosion to copper strip (25°C x 24 hr)	Negative	Negative
Worked Stability (100,000 strokes)	287	250
Tincken load	55 lbs.	55 lbs.
Oxidation stability, PSI (98.9C x 100 hr)	7.1	7.5
Difference, 60 and 10,000	+9	+10
Difference, 60 and 100,000	+15	+18
Water by distillation, %	0.05	0.05
Soap content, %	9	12



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