



PETROVISION
LUBRICANTS

DIESEL

ENGINE OILS



PETROVISION LUBRICANTS

TECHNICAL DATA SHEET

DIESEL ENGINE OIL 15W-40

PROPERTY	TEMP	UNIT	TEST METHODS	RESULTS 15W-40
Kinematic Viscosity	@ 100°C	cSt	ASTM D 445	15.7
Viscosity Index	-		ASTM D 2270	120
Density	@ 15°C	kg/l	ASTM 4052	0.875
Total Base Number	-	mg KOH/g	ASTM 2896	6.6
Flash Point (COC)	@ -15°C	°C	ASTM D92	223
Pour Point	-	°C	ASTM D97	-28

Performance Characteristics

PetroVision Lubricants 15W40 SL, is formulated from high performance base oils and a superior balanced additive system to provide optimum engine performance in modern diesel and gasoline engines as well as older models. The advanced chemistry of this product provides outstanding performance in both modern, demanding low-emission diesel engines and older diesel engines operating on low or high sulphur fuel. PetroVision Lubricants 15W40 SL combines a blend of high-performance base stocks with a progressive additive system to provide superior control of oil thickening due to soot build-up and high temperatures as well as outstanding resistance to oxidation, corrosion, and high temperature deposits.

Engineered for Performance

Oxidation Resistance: RIDA 15W40 SL provides a good oxidation stability that reduced engine deposits and sludge build up, the advance anti oxidant additive present slows down the oil degradation ensuring longer maintenance intervals.

Anti-wear, Anti-corrosion & Anti-rust Protection: Longer Equipment Life, proven anti-wear, anti corrosion and anti-rust additive packages provide greater resistance and extend engine life and provides low maintenance costs. These properties of RIDA 15W40 SL Oils prevent rust development by creating a thin film on the engine metal surfaces or any adjacent component of thus preventing the moisture absorption of its metal parts.

Antifoam: Increased Performance Easy release of entrained air which will protects in over heating of the system and protects the oil surface area in further exposure to oxygen.

High Viscosity Index: Boost Energy Efficiency high viscosity oil engineered to protect against metal to-metal contact. It maintains the optimum viscosity and resist shearing on the longer run, and in a wide range of working temperature. Consequently, the reduced viscosity at lower temperatures improves the ability of a vehicle to start and helps to lower fuel consumption.

PetroVision DEO 15W40 SL

Meets the requirements of the following specifications:

- SL / CH-4 / SJ
- CCMC D4/D5 G4/PD2
- ACEA A3-98, B3-98, E3 96 issue 3
- MIL-L-2104 E/46152E
- MACK EO-K/2
- CUMMINS CES 20071/2/6
- ZF TE-ML-07
- MAN M3275
- CAT 1-K, CAT 1-N
- MERCEDEC BENZ, MB 228.3
- MTU TYPE 2
- VOLVO LONG DRAIN VDS 2
- VW 501.01/505.00
- ALLISON C4



DIESEL ENGINE OIL API C-4, SAE 15W-40

PROPERTY	TEMP	UNIT	TEST METHODS	RESULTS API C-4, SAE 15W-40
Kinematic Viscosity	@ 40°C	cSt	ASTM D 445	115
Kinematic Viscosity	@ 100°C	cSt	ASTM D 445	14.9
Viscosity Index	-		ASTM D 2270	134
Density	@ 15°C	kg/l	ASTM 4052	0.870
Total Base Number	-	mg KOH/g	ASTM 2896	10.0
Cold Cranking Simulation Viscosity	@ -20°C	cP	ASTM D5293	6400
Flash Point (COC)	-	°C	ASTM D92	230
Pour Point	-	°C	ASTM D97	-33

Performance Characteristics

PetroVision Diesel Engine Oil SAE 15W-40 is designed for modern low-emission diesel engines and older models, ensuring reliable performance under demanding conditions. Its advanced formulation combines high-performance base oils and additives to resist oil thickening, oxidation, corrosion, and high-temperature deposits. This oil meets the challenges of tighter engine designs, reduced oil consumption, and higher thermal stress, delivering exceptional cleanliness, efficiency, and durability in engines running on low- or high-sulfur fuels.

Engineered for Performance

Oxidation Resistance: Offers excellent oxidation stability, reducing engine deposits and sludge buildup. Advanced anti-oxidant additives slow oil degradation, extending maintenance intervals.

Anti-Wear, Anti-Corrosion & Anti-Rust Protection: Ensures longer equipment life with proven additive packages that resist wear, corrosion, and rust. A protective film prevents rust by shielding metal surfaces and minimizing moisture absorption.

Antifoam Performance: Prevents overheating by releasing entrained air, reducing further exposure of the oil surface to oxygen for enhanced system performance.

High Viscosity Index: Maintains optimal viscosity, reducing metal-to-metal contact and resisting shear under varying temperatures. Enhances cold starts, improves fuel efficiency, and ensures durability.

Advanced Detergent Additive System: Cleans existing deposits and removes impurities, carrying them to the oil filter. This improves engine cleanliness and minimizes potential damage from contaminants.

PetroVision DEO API CI-4, SAE 15W-40

Meets the requirements of the following specifications:

- API: CI-4, CH-4, SJ
- CCMC: D4/D5, G4/PD2
- ACEA: A3-98, B3-98, E3 96 ISSUE 3
- MIL: L-2104 E, 46152E
- MAN: M3275
- CAT: 1-K, 1-N
- MERCEDES-BENZ: MB 228.3
- MTU: TYPE 2
- MACK: EO-K/2
- CUMMINS: CES 20071/20072/20076
- ZF: TE-ML-07
- VOLVO: LONG DRAIN VDS-2
- VW: 501.01, 505.00
- ALLISON: C4



PETROVISION LUBRICANTS

TECHNICAL DATA SHEET

DIESEL ENGINE OIL API CH-4/SJ , SAE 20W-40

PROPERTY	TEMP	UNIT	TEST METHODS	RESULTS API CH-4/SJ , SAE 20W-40
Kinematic Viscosity	@ 40°C	cSt	ASTM D 445	145
Kinematic Viscosity	@ 100°C	cSt	ASTM D 445	17.4
Viscosity Index	-		ASTM D 2270	132
Density	@ 15°C	kg/l	ASTM 4052	0.880
Total Base Number	-	mg KOH/g	ASTM 2896	10.0
Cold Cranking Simulation Viscosity	@ -15°C	cP	ASTM D5293	8400
Flash Point (COC)	-	°C	ASTM D92	240
Pour Point	-	°C	ASTM D97	-27

Performance Characteristics

PetroVision Diesel Engine Oil SAE 20W-50 offers exceptional protection for diesel engines in severe on- and off-highway applications. Its balanced detergency and dispersancy provide high-temperature deposit control for heavy-duty engines and low-temperature sludge control for light-duty gasoline engines. Suitable for trucking, mining, construction, quarrying, and agriculture, it reduces fleet maintenance costs, extends drain intervals, minimizes downtime, and enhances engine longevity.

Engineered for Performance

Oxidation Resistance: Provides excellent oxidation stability, reducing engine deposits and sludge buildup. Advanced anti-oxidant additives slow oil degradation, extending maintenance intervals.

Anti-Wear, Anti-Corrosion & Anti-Rust Protection: Proven additive packages prevent wear, corrosion, and rust, protecting engine components and reducing maintenance costs. A thin protective film shields metal surfaces from moisture absorption.

Antifoam Performance: Easily releases entrained air to prevent overheating and protect the oil surface from prolonged exposure to oxygen, improving system performance.

High Viscosity Index: Maintains optimal viscosity, protecting against metal-to-metal contact and ensuring consistent performance across a wide range of temperatures. Reduced viscosity at lower temperatures enhances cold starts and reduces fuel consumption.

Advanced Detergent Additive System: Cleans impurities and deposits, carrying them to the oil filter and improving engine cleanliness. This reduces potential damage from contaminants and ensures optimal engine performance.

PetroVision DEO API CH-4/SJ , SAE 20W-40

Meets the requirements of the following specifications:

- API: CH4, CG4, SJ
- CCMC: D4/D5, G4/PD2
- ACEA: A3-98, B3-98, E3 96 ISSUE 3
- MIL: L-2104 E, 46152E
- MAN: M3275
- CAT: 1-K, 1-N
- MERCEDES-BENZ: MB 228.3
- MTU: TYPE 2
- MACK: EO-K/2
- CUMMINS: CES 20071/20072/20076
- ZF: TE-ML-07
- VOLVO: LONG DRAIN VDS-2
- VW: 501.01, 505.00
- ALLISON: C4



PETROVISION
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PETROL
ENGINE OILS





PETROVISION LUBRICANTS

TECHNICAL DATA SHEET

PETROL ENGINE OIL API SL/CF SERIES

PROPERTY	TEMP	UNIT	TEST METHODS	RESULTS 10W-30	RESULTS 10W-40	RESULTS 15W-30	RESULTS 15W-40	RESULTS 20W-50
Kinematic Viscosity	@ 100°C	cSt	ASTM D 445	9.3 - 12.0	12.5 - 16.0	9.3 - 12.0	12.5 - 16.0	16.3 - 21.1
Viscosity Index	-		ASTM D 2270	≤ 140	≤ 140	≤ 140	≤ 140	≤ 140
Density	@ 15°C	kg/l	ASTM 4052	0.869	0.870	0.870	0.870	0.870
Total Base Number	-	mg KOH/g	ASTM 2896	> 7.0	> 7.0	> 7.0	> 7.0	> 7.0
Cold Cranking Simulation Viscosity	@ -15°C @ -20°C @ -25°C	cP	ASTM D5293	- - ≤ 7000	- - ≤ 7000	- ≤ 7000 -	- ≤ 7000 -	≤ 9500 - -
Flash Point (COC)	-	°C	ASTM D92	220 - 240	220 - 240	220 - 240	220 - 240	220 - 240
Pour Point	-	°C	ASTM D97	-45	-45	-39	-36	-27

Performance Characteristics

PetroVision Petrol Engine Oil API SL/CF is a high-quality, multi-grade automotive engine oil formulated with advanced HVI base oils and cutting-edge additives. It is designed for gasoline and diesel-powered (turbo or non-turbo) passenger cars, vans, and light trucks, providing excellent protection against oxidation, rust, and corrosion under extreme driving conditions, from high-speed highways to stop-and-go traffic.

This all-weather oil withstands high pressures and temperatures, ensuring reliable performance and longer engine life. PetroVision Petrol Engine Oil API SL/CF offers superior flexibility, extended drain intervals based on oil analysis, and convenience for trouble-free operation.

Engineered for Performance

Oxidation Resistance: Provides excellent stability, reducing deposits and sludge buildup, and extending maintenance intervals with advanced anti-oxidant additives.

Anti-Wear, Anti-Corrosion & Anti-Rust Protection: Protects engine parts from wear, corrosion, and rust, extending engine life and reducing maintenance costs.

Antifoam: Prevents overheating by releasing entrained air, protecting the oil surface from prolonged exposure to oxygen.

High Viscosity Index: Maintains optimal viscosity for metal protection, reducing fuel consumption and improving cold-start performance.

Advanced Detergent Additive System: Cleans engine impurities and deposits, enhancing cleanliness and reducing potential damage.

PetroVision PEO API SL/CF Series

Meets the requirements of the following specifications:

- API: SL, CF
- ACEA: A3/B3-98
- MIL: L-46152 E
- VOLKSWAGEN: 501.01, 505.00
- MERCEDES-BENZ: 229.1
- GENERAL MOTORS: SPECIFICATIONS
- CCMC: G4, PD2
- FORD: SPECIFICATION



PETROVISION LUBRICANTS

TECHNICAL DATA SHEET

PETROL ENGINE OIL API SN SERIES (Fully Synthetic)

PROPERTY	TEMP	UNIT	TEST METHODS	RESULTS 0W-20	RESULTS 5W-30
Kinematic Viscosity	@ 100°C	cSt	ASTM D 445	6.9 - 9.0	9.3 - 12.0
Viscosity Index	-		ASTM D 2270	≤ 140	≤ 140
Density	@ 15°C	kg/l	ASTM 4052	0.869	0.869
Total Base Number	-	mg KOH/g	ASTM 2896	> 7.0	> 7.0
Cold Cranking Simulation Viscosity	-	cP	ASTM D5293	≤ 6600	≤ 6600
Flash Point (COC)	@ -15°C	°C	ASTM D92	220 - 240	220 - 240
Pour Point	-	°C	ASTM D97	-45	-45

Performance Characteristics

PetroVision Petrol Engine Oil API SN Series is a premium motor oil designed to deliver superior protection and performance across demanding applications. Engineered for high-temperature deposit protection, excellent sludge control, and enhanced seal compatibility, it ensures optimal engine health and efficiency. This advanced formulation offers improved emission system and turbocharger protection, along with compatibility for engines running on ethanol blends up to E-85. PetroVision Petrol Engine Oil API SN Series provides exceptional performance and reliability, suitable for motorcycles, small engines, stationary engines, heavy equipment, and more. Recommended for use up to 18,000 km, with extended drain intervals based on oil analysis or manufacturer guidelines.

Engineered for Performance

Oxidation Resistance: PetroVision Petrol Engine Oil API SN Series offers excellent oxidation stability, reducing engine deposits and sludge buildup. Advanced anti-oxidant additives slow oil degradation, enabling longer maintenance intervals.

Anti-wear, Anti-corrosion & Anti-rust Protection: Formulated to extend engine life, it features proven additive packages that resist wear, corrosion, and rust. A protective film prevents rust by shielding metal surfaces and minimizing moisture absorption, reducing maintenance costs.

Advanced Detergent Additive System: Enhances engine cleanliness by removing impurities and cleaning existing deposits. These additives ensure contaminants are carried to the oil filter, minimizing potential engine damage and maintaining optimal performance.



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ATF III





AUTOMATIC TRANSMISSION FLUID (ATF) III

PROPERTY	TEMP	UNIT	TEST METHODS	RESULTS ATF III
Appearance	-	-	Visual	Bright & Clear
Color	-	-	ASTM D 1500	RED
Kinematic Viscosity	@ 40°C	mm ² /s	ASTM D 445	40
Kinematic Viscosity	@ 100°C	mm ² /s	ASTM D 445	7.5
Viscosity Index	-	-	ASTM D 2270	157.13
Density	@ 15°C	g/m ³	ASTM 4052	0.865
Flash Point (COC)	-	°C	ASTM D92	220
Pour Point	-	°C	ASTM D97	-40

Performance Characteristics

PetroVision ATF III is a high-quality automatic transmission fluid engineered for optimal performance and reliability in a wide range of automotive applications. Formulated with premium base oils and advanced additive technology, it provides exceptional thermal and oxidation stability, ensuring consistent performance under extreme temperatures and prolonged use.

This fluid offers superior anti-wear protection, safeguarding critical transmission components and extending their lifespan. Its excellent frictional properties ensure smooth and precise gear shifts, enhancing driving comfort and vehicle responsiveness. The advanced formulation also resists sludge and deposit formation, maintaining system cleanliness and efficiency.

PetroVision ATF III delivers outstanding anti-rust and corrosion protection, ensuring durability in both urban and demanding operating environments. Its excellent low-temperature fluidity enhances performance in cold weather, while its high shear stability ensures long-lasting performance in modern and high-demand transmission systems. Designed for versatility, it meets or exceeds industry standards, making it suitable for a variety of automatic transmission systems.



PETROVISION
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**GEAR
OILS**





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TECHNICAL DATA SHEET

GEAR OIL API GL-5 SERIES

PROPERTY	TEMP	UNIT	TEST METHOD	RESULT (90)	RESULT (140)	RESULT 85W-90	RESULT 85W-140	RESULT 80W-90	RESULT 80W-140
Kinematic Viscosity	@ 40°C	cSt	ASTM D 445	193.8	412	184	340	136	360
Kinematic Viscosity	@ 100°C	cSt	ASTM D 445	17.6	29	17	25.3	14.5	27.9
Viscosity Index	-	-	ASTM D 2270	98	98	98	97	105	105
Flash Point (COC)	-	°C	ASTM D92	≤ 240	≤ 250	≤ 240	≤ 250	≤ 240	≤ 250
Pour Point	-	°C	ASTM D97	-9	-9	-24	-18	-30	-30
Density	@ 15°C	kg/l	ASTM 4052	0.880	0.890	0.880	0.890	0.880	0.890

Performance Characteristics

PetroVision Gear Oil API GL-5 Series delivers exceptional thermal and chemical stability, with strong rust protection against water contamination. Ideal for heavy-duty automotive manual transmissions, axles, and final drives in on- and off-highway vehicles, including commercial trucks and equipment in construction, mining, and agriculture.

Engineered for high-speed, high-torque, and shock-load applications, it ensures long equipment life, reduced operating costs, and supports extended service intervals with its advanced formulation. PetroVision Gear Oil 85W-90 meets the increasing performance demands of modern heavy equipment.

Engineered for Performance

Oxidation Resistance: Provides excellent oxidation stability, reducing engine deposits and sludge buildup. Advanced anti-oxidant additives withstand differential temperatures, slowing oil degradation and ensuring longer maintenance intervals.

Anti-Wear, Anti-Corrosion & Anti-Rust Protection: Protects against wear, corrosion, and rust, extending differential life and reducing maintenance costs. Creates a thin film on metal surfaces to prevent moisture absorption and rust development.

Antifoam: Easily releases entrained air, preventing overheating and protecting the oil surface from exposure to oxygen.

Excellent Shear Stability: Maintains required viscosity under high-load operating conditions, protecting wearing surfaces and preventing mechanical breakdown.

PetroVision GO API GL-5 Series

Meets the requirements of the following specifications:

- API: GL-5
- MIL: L-2105 B, L-2105, L-2105 D
- MERCEDES-BENZ: MB 235
- FORD: M2C-9002 AA



PETROVISION LUBRICANTS

TECHNICAL DATA SHEET

INDUSTRIAL GEAR OIL SERIES

PROPERTY	TEMP	UNIT	TEST METHODS	RESULTS ISO VG68	RESULTS ISO VG100	RESULTS ISO VG150	RESULTS ISO VG220	RESULTS ISO VG320	RESULTS ISO VG460
Kinematic Viscosity	@ 40°C	cSt	ASTM D 445	68	100	150	220	320	460
Viscosity Index	-		ASTM D 2270	>95	>95	>95	>95	>95	>95
Flash Point (COC)	-	°C	ASTM D92	234	242	258	258	258	258
Density	@ 15°C	kg/l	ASTM 4052	0.880	0.885	0.889	0.889	0.889	0.889
FZG Gear Test Rig, Load Stage	-	-	-	12	12	12	12	12	12

Performance Characteristics

PetroVision Industrial Gear Oil is formulated with premium base oils for excellent oxidation stability and water separation. It includes advanced additives that deliver extreme pressure and anti-wear properties, rust and corrosion protection, improved oxidation stability, foam resistance, and exceptional high-load performance.

Recommended for industrial enclosed gear drives operating under extreme load and speed conditions, it is also suitable for worm gear units. While primarily designed for gears, its superior performance allows extended use in systems involving gears, plain bearings, rolling bearings, and sliding surfaces.

Engineered for Performance

Oxidation Resistance – Longer Maintenance Intervals

Provides excellent oxidation stability, reducing deposits and sludge buildup. Advanced anti-oxidant additives withstand differential temperatures, slowing oil degradation and ensuring extended maintenance intervals.

Anti-Wear, Anti-Corrosion & Anti-Rust Protection – Longer Equipment Life

Features proven anti-wear, anti-corrosion, and anti-rust additives that enhance resistance, extend differential life, and lower maintenance costs. Forms a protective thin film on metal surfaces, preventing rust and moisture absorption.

Antifoam – Increased Performance

Releases entrained air efficiently, preventing system overheating and protecting the oil surface from further exposure to oxygen.

PetroVision Industrial GO Series

Meets the requirements of the following specifications:

- DIN 51517 PART3
- AGMA 9005-D94
- US STEEL 224
- DAVID BROWN S1.53 101



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GREASE

CALCIUM - LITHIUM





MP CALCIUM GREASE SERIES

PROPERTY	TEMP	UNIT	TEST METHODS	RESULTS	
NLGI Classification				2	3
Thickener	-	-	-	Calcium	Calcium
Texture	-	-	-	Smooth	Smooth
Color	-	-	Visual	Pale Yellow	Pale Yellow
Dropping Point	-	-	ASTM D 566	90-110	90-110
Worked Penetration	@ 25°C	-	ASTM D 217	265 - 295	220 - 250
Water Washout Resistance	-	% wt	ASTM D 1264	< 5	< 5
Copper Strip Corrosion (24hrs)	@ 100°C	-	ASTM D 4048	Pass	Pass

Meets the requirements of the following specifications:
DIN 51502 KP1K/KP2K/KP3K/KP4K

Performance Characteristics

Petrovision Multipurpose (MP) Calcium Grease Series is a premium, smooth, calcium soap-based grease enhanced with graphite, offering an exceptional balance of performance and cost-efficiency. Its water-resistant and mechanically stable formulation ensures reliable protection and consistent lubrication in a variety of applications. Specially designed for vehicle chassis lubrication, Petrovision MP Calcium Grease delivers superior wear protection and extended coverage by evenly distributing across components. It excels in demanding environments, including large trucks, off-highway machinery, and construction equipment, thanks to its incorporation of extreme pressure and tackiness agents. With high oxidation stability and robust structural integrity, it is suitable for antifriction and plain bearings, linkages, suspensions, and other critical grease application points. Petrovision MP Calcium Grease ensures dependable performance, prolonged service life, and reliable protection under normal operating conditions.

Engineered for Performance

Oxidation Resistance: Petrovision MP Grease Series offers excellent oxidation stability, reducing deposits and sludge buildup. Advanced anti-oxidant additives slow grease degradation, ensuring extended maintenance intervals.

High Dropping Point Properties: Provides superior heat resistance and thermal stability, enabling use across a wide range of operating temperatures.

Excellent Shear Stability: Maintains consistency even under high mechanical loads, ensuring long-lasting protection for wearing surfaces.



PETROVISION LUBRICANTS

TECHNICAL DATA SHEET

EP LITHIUM GREASE SERIES

PROPERTY	TEMP	UNIT	TEST METHOD	RESULT NLGI 000	RESULT NLGI 00	RESULT NLGI 0	RESULT NLGI 1	RESULT NLGI 2	RESULT NLGI 3
Thickener	-	-	-	Lithium	Lithium	Lithium	Lithium	Lithium	Lithium
Texture	-	-	-	Smooth	Smooth	Smooth	Smooth	Smooth	Smooth
Color	-	-	Visual	Pale Yellow	Pale Yellow	Pale Yellow	Pale Yellow	Pale Yellow	Pale Yellow
Dropping Point	-	-	ASTM D 566	190	190	190	190	190	190
Worked Penetration	@ 25°C	-	ASTM D 217	400 - 430	400 - 430	355 - 385	310 - 340	265 - 295	220 - 250
Water Washout Resistance	-	% wt	ASTM D 1264	< 5	< 5	< 5	< 5	< 5	< 5
Copper Strip Corrosion (24hrs)	@ 100°C	-	ASTM D 4048	Pass	Pass	Pass	Pass	Pass	Pass

Meets the requirements of the following specifications:
DIN 51502 KP1K/KP2K/KP3K/KP4K

Performance Characteristics

Petrovision EP Lithium Grease is a high-performance, extreme-pressure (EP) multipurpose grease formulated for automotive and industrial applications. It is blended with high-quality base oils and lead-free EP additives, ensuring reliable performance under heavy or shock loading conditions. The grease is enhanced with oxidation and corrosion inhibitors, delivering long service life and excellent protection for ferrous surfaces. Designed to prevent welding and seizure of moving parts caused by shock loading, Petrovision EP Lithium Grease resists water washout, maintaining its effectiveness in harsh environments. It is suitable for plain and anti-friction bearings, wheel bearings, linkages, suspensions, and centralized lubrication systems. The grease is also ideal for large rolling element bearings, industrial mills, screws, nuts, presses, marine equipment, gear couplings, motors, mining equipment, and general industrial machinery operating under demanding conditions.

Engineered for Performance

Oxidation Resistance: Petrovision EP Grease series offers excellent oxidation stability, reducing engine deposits and sludge buildup. The advanced anti-oxidant additive slows grease degradation, ensuring longer maintenance intervals.

High Dropping Point Properties: Provides superior heat resistance and thermal stability. Petrovision EP Grease can withstand the heat demands of EP greases, making it suitable for a wide range of temperature operations.

Excellent Shear Stability: Maintains grease consistency under high mechanical loads between wearing surfaces, offering protection and preventing mechanical breakdown.



PETROVISION LUBRICANTS

TECHNICAL DATA SHEET

EP TRANSPARENT LITHIUM GREASE SERIES

PROPERTY	TEMP	UNIT	TEST METHODS	RESULTS NLGI 00	RESULTS NLGI 0	RESULTS NLGI 1	RESULTS NLGI 2	RESULTS NLGI 3
Thickener	-	-	-	Lithium	Lithium	Lithium	Lithium	Lithium
Texture	-	-	-	Smooth	Smooth	Smooth	Smooth	Smooth
Color	-	-	Visual	Transparent Golden	Transparent Golden	Transparent Golden	Transparent Golden	Transparent Golden
Dropping Point	-	-	ASTM D 566	190	190	190	190	190
Worked Penetration	@ 25°C	-	ASTM D 217	400 - 430	355 - 385	310 - 340	265 - 295	220 - 250
Water Washout Resistance	-	% wt	ASTM D 1264	< 5	< 5	< 5	< 5	< 5
Copper Strip Corrosion (24hrs)	@ 100°C	-	ASTM D 4048	Pass	Pass	Pass	Pass	Pass

Meets the requirements of the following specifications:
DIN 51502 KP1K/KP2K/KP3K/KP4K

Performance Characteristics

PetroVision EP Transparent Lithium Grease is a high-performance, extreme-pressure lithium multipurpose grease formulated for automotive and industrial applications. It is crafted with high-quality base oils and blended with lead-free EP additives, ensuring reliable performance under heavy or shock loading conditions. The grease incorporates oxidation and corrosion inhibitors, delivering a long service life and excellent protection for ferrous surfaces. It prevents welding and seizure of moving parts caused by shock loading and resists water washout for enhanced durability. PetroVision EP Transparent Lithium Grease is suitable for use in demanding conditions with high or shock loads, including plain and anti-friction bearings, wheel bearings, linkages, suspensions, and centralized lubrication systems. It performs exceptionally in large rolling element bearings, industrial mills, screws and nuts, pressed and other metalworking elements, as well as marine equipment operating under adverse conditions. Additionally, it is ideal for gear couplings, electric motors, mining equipment, and general industrial machinery.

Engineered for Performance

Oxidation Resistance: PetroVision EP Transparent Lithium Grease provides excellent oxidation stability, reducing engine deposits and sludge build-up. The advanced anti-oxidant additive slows down grease degradation, ensuring longer maintenance intervals.

High Dropping Point Properties: With exceptional heat resistance and thermal stability, PetroVision EP Transparent Lithium Grease withstands high temperatures, making it suitable for a wide range of temperature operations.

Excellent Shear Stability: This grease maintains its consistency even under high mechanical load, ensuring protection against wear and preventing mechanical breakdowns.



PETROVISION LUBRICANTS

TECHNICAL DATA SHEET

LITHIUM COMPLEX GREASE SERIES

PROPERTY	TEMP	UNIT	TEST METHODS	RESULTS NLGI 00	RESULTS NLGI 0	RESULTS NLGI 1	RESULTS NLGI 2	RESULTS NLGI 3
Thickener	-	-	-	Lithium Complex	Lithium Complex	Lithium Complex	Lithium Complex	Lithium Complex
Texture	-	-	-	Smooth	Smooth	Smooth	Smooth	Smooth
Color	-	-	Visual	Red	Red	Red	Red	Red
Dropping Point	-	-	ASTM D 566	N/A	265	265	265	265
Worked Penetration	@ 25°C	-	ASTM D 217	400 - 430	355 - 385	310 - 340	265 - 295	220 - 250
Water Washout Resistance	@ 79°C	% wt	ASTM D 1264	-	-	4	6	6
Copper Strip Corrosion (24hrs)	@ 100°C	-	ASTM D 4048	Pass	Pass	Pass	Pass	Pass

Performance Characteristics

Petrovision Lithium-Complex Grease is a high-performance lubricant formulated with a Lithium-Complex thickener base, designed for a wide range of applications under extreme temperatures. With excellent adhesion, structural stability, and water resistance, this grease delivers reliable protection in demanding conditions. Its advanced formulation ensures exceptional thermal and oxidative resistance, developed using cutting-edge lithium complex technology and specialized additives to enhance performance. Petrovision Lithium-Complex Grease provides outstanding high and low-temperature performance, offering superior protection at elevated temperatures and smooth, low-torque operation during cold starts. It effectively guards against wear, rust, and corrosion, minimizing downtime and maintenance costs. The grease's superior thermal stability and oxidation resistance extend service life, allowing for longer intervals between re-lubrication and improved equipment durability.

Engineered for Performance

Oxidation Resistance: Petrovision Lithium-Complex Grease series offers excellent oxidation stability, reducing deposits and sludge buildup. Advanced anti-oxidant additives slow grease degradation, ensuring extended maintenance intervals.

High Dropping Point Properties: With superior heat resistance and thermal stability, Petrovision Lithium-Complex Grease performs effectively across a wide range of operating temperatures, meeting the demands of EP greases.

Excellent Shear Stability: The grease maintains consistency even under high mechanical loads, protecting surfaces from wear and preventing mechanical breakdown, contributing to extended equipment life.



PETROVISION LUBRICANTS

TECHNICAL DATA SHEET

BEARING LITHIUM GREASE SERIES

PROPERTY	TEMP	UNIT	TEST METHODS	RESULTS NLGI 00	RESULTS NLGI 0	RESULTS NLGI 1	RESULTS NLGI 2	RESULTS NLGI 3
Thickener	-	-	-	Lithium	Lithium	Lithium	Lithium	Lithium
Texture	-	-	-	Smooth	Smooth	Smooth	Smooth	Smooth
Color	-	-	Visual	Blue	Blue	Blue	Blue	Blue
Dropping Point	-	-	ASTM D 566	190	190	190	190	190
Worked Penetration	@ 25°C	-	ASTM D 217	400 - 430	355 - 385	310 - 340	265 - 295	220 - 250
Water Washout Resistance	-	% wt	ASTM D 1264	< 5	< 5	< 5	< 5	< 5
Copper Strip Corrosion (24hrs)	@ 100°C	-	ASTM D 4048	Pass	Pass	Pass	Pass	Pass

Performance Characteristics

PetroVision Bearing Grease is an extreme pressure lithium-bearing grease that combines high-quality base oils with lead-free EP additives, making it ideal for automotive and industrial applications. This premium, technically advanced multipurpose automotive and industrial EP grease is designed for superior performance under harsh conditions. It offers improved temperature stability, making it especially effective for wheel bearings operating near the high temperatures of disk brakes, allowing for extended re-greasing intervals compared to standard products. Enriched with oxidation and corrosion inhibitors, PetroVision Bearing Grease ensures a long service life and offers high protection for ferrous surfaces. It prevents welding and seizure of moving parts, often caused by shock loading, and resists water washout. This grease is suitable for high or shock-loaded conditions and is effective in plain and anti-friction bearings, wheel bearings, linkages, suspensions, and centralized lubrication systems.

Engineered for Performance

Oxidation Resistance: PetroVision Bearing Grease offers excellent oxidation stability, reducing engine deposits and sludge buildup. The advanced anti-oxidant additives slow down grease degradation, ensuring longer maintenance intervals.

High Dropping Point Properties: With superior heat resistance and thermal stability, PetroVision Bearing Grease can withstand the high temperatures required for EP greases, making it suitable for a wide range of operational temperatures.

Excellent Shear Stability: PetroVision Bearing Grease maintains its consistency even under high load conditions, protecting wearing surfaces and preventing mechanical breakdown.