



**Nitröl<sup>®</sup>**



**Product  
Catalogue**

FORMULATED IN GERMANY



# Range of Products

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## **NITROL RAPIDX EXTREME SP**

Fully Synthetic / Semi Synthetic / Mineral

**API : SP/ILSAC GF6**

**SAE GRADES 0W-16, 0W-20, 5W-20, 5W30, 5W40, 10W30, 10W40, 15W40, 20W50**

NITROL RAPIDX EXTREME SP series of engine oils are designed to satisfy the most modern passenger car motor oils technology, specifically evolved for the present-day high output turbocharged gasoline engines in sport utility vehicles, passenger cars, vans, light-duty trucks and gasoline-based hybrid vehicles. Its low viscosity and exceptional fluidity helps this oil extensively to reduce wear and ensures fuel economy and lower CO2 emissions. Optimized additive package reduces soot and deposits and maintains the engine clean.

### Performance Levels (Meets & Exceeds)

- API SP / RC • ILSAC GF-6A/GF-6B(0W-16) • Ford WSS-M2C946-A, M2C92A (SAE 5W-20)
- Ford WSS-M2C947-A, M2C930A, M2C153 (SAE 5W-20 • GM DEXOS1 GEN 2 (SAE 0W-20, 5W-20, 5W-30)
- Chrysler MS-10797 • Chrysler MS-6395M (SAE 5W-20)



## **NITROL RAPIDX EXTREME PLUS**

Fully Synthetic / Semi Synthetic / Mineral

**API : SN PLUS/RC**

**SAE GRADES 0W20, 0W30, 5W20, 5W30, 5W40, 10W30, 10W40, 15W40, 20W50**

NITROL RAPIDX EXTREME PLUS series of engine oils are designed for the latest range of PCMO to deliver exceptional engine performance in Gasoline and Diesel engines, naturally aspirated or turbocharged, direct or indirect injection. These oils are formulated with top grade base oil, specific additive package, and optimal viscosity to offer improved oxidation resistance, advanced deposit protection, better wear protection, and remarkable low temperature performance over the extended drain period of the oil.

### Performance Levels (Meets & Exceeds)

- API SN Plus/RC (0W-16) • API SN Plus/RC, ILSAC GF-5 (0W20, 5W20, 5W30, 10W30)
- API SN Plus (0W-16, 5W-40, 10W40, 15W-40, 20W50) • DEXOS 1 GEN 2 (0W20, 5W20, 5W30)



## **NITROL RAPIDX EXTREME**

*Fully Synthetic / Semi Synthetic / Mineral*

**API : SN/CF**

**SAE GRADES 0W30, 0W40, 5W20, 5W30, 5W40, 10W30, 10W40, 15W40, 20W50**



NITROL RAPIDX EXTREME series of oils designed to supply ultimate wear protection, and enhanced overall performance. This collection of products have formulated from high quality base stocks and special performance additives to offer your engine the protection and improved performance. They preserve engines that begin operation in extremely cold conditions running perfectly with the aid of using robustly, preventing the formation and deposit of sludge. It is suggested for all gasoline engine vehicles with direct-injection, multi valve & turbocharger technologies.

### **Performance Levels (Meets & Exceeds)**

- API SN/CF • ACEA A3/B3/B4 • OPEL GM-LL-B-025 (5W30, 5W40, 0W30, 0W40) • Porsche A40 (5W30, 5W40, 0W30, 0W40) • MB 226.5/229.3/229.5 (5W30, 5W40, 0W30, 0W40, 10W40, 10W30) • Renault RN0700/RN0710 (5W30, 5W40, 0W30, 0W40, 10W40, 10W30)
- Ford WSS-M2C937-A • OPEL GM-LL-B-025 (5W30, 5W40, 0W30, 0W40) • Ford WSS-M2C913-C/D (SAE 5W-30) • Ford WSS-M2C925-B (SAE 0W/5W-20) • VW 505 00 • VW 501 01 / 502 00 (5W30, 5W40, 0W30, 0W40, 10W40, 10W30)

## **NITROL RAPIDX RX-9**

*Fully Synthetic / Semi Synthetic / Mineral*

**API : SM/CF**

**SAE GRADES 0W30, 0W40, 5W20, 5W30, 5W40, 10W30, 10W40, 15W40, 20W50**



NITROL RAPIDX RX-9 series of products are designed to giving longer life span to engine and its components through offering enhanced wear protection. Enabling easy cold start as a function to both petrol and diesel engines of passenger automobile and minivans. Ideal formulation of those oils enables to keep its viscosity at extreme temperatures and maintain it fluidity, making the engine function effectively can be used for all the season

### **Performance Levels (Meets & Exceeds)**

- API SM/CF • ACEA A3/B3 • ACEA A1/B1 (HTHS <3.5) (5W30, 5W40, 0W30, 0W40) • RN 700, RN 710 (5W30, 5W40, 0W30, 0W40)
- VW 502 00 / 505 00 (5W30, 5W40, 0W30, 0W40) • MB 229.3





### **NITROL RAPIDX RX-7**

*Fully Synthetic / Semi Synthetic / Mineral*

**API : SL/CF**

**SAE GRADES 0W30, 0W40, 5W20, 5W30, 5W40, 10W30, 10W40, 15W40, 20W50**

NITROL RAPIDX RX-7 series consists of engine oils which are developed to improve engine overall performance by ensuring improved oxidation resistance, enhanced wear protection, supreme resistance to deposits. They contain high quality additives that impart the key traits of dispersants and detergents, thus deeply cleaning engine components and preserving its overall performance efficiently together with progressed fuel economy. They are designed to function perfectly in all weather conditions.

**Performance Levels (Meets & Exceeds)**

- API SL/CF • ACEA A3/B3 • ACEA A1/B1 (HTHS <3.5) (5W30, 5W40, 0W30, 0W40) • MB 229.3



### **NITROL RAPIDX RX-5**

*Fully Synthetic / Semi Synthetic / Mineral*

**API : SJ/CF**

**SAE GRADES 0W30, 0W40, 5W20, 5W30, 5W40, 10W30, 10W40, 15W40, 20W50**

NITROL RAPIDX RX-5 series premium multi grade motor oil formulated for passenger vehicles and minivans engines functioning with each diesel and gasoline requiring API performance level SJ/CF under all working conditions. It is designed with highly refined base stocks and performance additive packages to impart excellent fuel economy and to preserve the engine clean

**Performance Levels (Meets & Exceeds)**

- API SJ/CF



### **NITROL RAPIDX RX-3**

*Fully Synthetic / Semi Synthetic / Mineral*

**API : SG/CF**

**SAE GRADES 0W30, 0W40, 5W20, 5W30, 5W40, 10W30, 10W40, 15W40, 20W50**

NITROL RAPIDX RX-3 series are multi-grade oil designed to deliver excellent engine protection, prevents dirt build-up and sludge along with protection from wear and rust. They are formulated with highly refined base stocks and premium quality additives to ensure performance of the engine in all weather conditions.

#### Performance Levels (Meets & Exceeds)

- API SG/CF





## NITROL IMPULX ULTRAMAX

Fully Synthetic / Semi Synthetic / Mineral

**API : CK-4/SN**

**SAE GRADES 0W30, 0W40, 5W30, 5W40, 10W30, 10W40, 15W40**



NITROL Impulse Ultramax is low SAPS fully synthetic lubricant designed for heavy duty engines that function efficiently at harsh conditions and climate. They are designed to provide excellent wear protection that helps extend engine life while providing extended draining capacity and improved fuel economy for modern diesel engines operating in extreme conditions.

Additionally, NITROL Impulse Ultramax synthetic oil is formulated with field-proven additive technology to maximize engine wear control and provide exceptional engine cleanliness. This range of oil meet API CK4 requirements and OEM specifications are better than metal wear protection and deformation on equipment start up is lowered due to its ultra-low pour points, low-temperature fluidity and pumpability.

### Performance Levels (Meets & Exceeds)

- API CK-4/SN , CJ-4/CI-4 and lower grades • ACEA E9 -16 • Cummins CES 20086 • MAN M36775
- DDC 93K222 • MTU Type 2.1 • Mack EOS-4.5 • Volvo VDS-4.5 • Renault RLD-3

## NITROL IMPULX ULTRA

Fully Synthetic / Semi Synthetic / Mineral

**API : CJ-4/SM**

**SAE GRADES 0W30, 0W40, 5W30, 5W40, 10W30, 10W40, 15W40, 20W50**



NITROL Impulse Ultra is high performance heavy duty diesel engine oil meets API CJ4 levels that help extend engine life in the most severe on- and off-road applications, delivering exceptional performance in modern engines, high efficiency and emission system. It is formulated with a range of latest technology anti-oxidants, detergent, dispersant and anti-wear properties keep the engine clean and enable efficient control of soot, sludge and piston deposits and is recommended for extended drain intervals

### Performance Levels (Meets & Exceeds)

- API CJ-4/SM , CI-4+/CI-4 and lower grades • ACEA E9 • MB 228.31 • FORD WSS-M2C17
- Caterpillar ECF-3 • Cummins CES 20081 • DDC 93K218 • Mack EO-O PP • DEUTZ DQC III-10 LA
- MAN M3477/3575 • VOLVO VDS-4 • Renault RLD-3



### **NITROL IMPULX NX-9**

Fully Synthetic / Semi Synthetic / Mineral

**API : CI-4/SL**

**SAE GRADES 0W30, 0W40, 5W30, 5W40, 10W30, 10W40, 15W40, 20W50**

NITROL Impulse NX9 are engineered to keep engines running for extended lifetime. The protective oil layer gives protection to the engine against corrosion and deposition. It also prohibits the losses that occur due to friction. They are suitable for engines working in challenging climate conditions and keep the engine running for significantly increased oil drain intervals as well as decreased oil consumption. The oil is designed for heavy duty engines, light trucks, passenger cars.

**Performance Levels (Meets & Exceeds)**

- API CI-4/SL, CH-4 and lower grades • ACEA E7, A3/B3/B4 • MB 228.3 / 229.1 • Deutz DQC III-10
- JASO DH1 • MACK EO-N • Cummins CES 20076/20077/78 • Global DHD-1 • MTU Type 2
- Allison C4 • Caterpillar ECF 1a, ECF 2 • DDC 93K215 • MAN M3275-1 • Volvo VDS-3 • Renault RLD-2



### **NITROL IMPULX NX-7**

Fully Synthetic / Semi Synthetic / Mineral

**API : CH-4/SJ**

**SAE GRADES 0W30, 0W40, 5W30, 5W40, 10W30, 10W40, 15W40, 20W50**

NITROL Impulse NX-7 are designed to work in modern engines, including turbo-charged and non-turbo charged engines. They guarantee high oil efficiency and adequate anti-friction properties. Compatible with modern emission control systems, they are known for their high thermal stability. The thick layer of oil provided by the lubricant enables significant increase in engine life and a noticeable decrease in oil consumption. It provides the engine with fine oxidation stability which retains potential engine damage and keeps engine components clean, thus ensuring longer life. They also improve average mileage and contain outstanding anti-friction and anti-wear features.

**Performance Levels (Meets & Exceeds)**

- Performance Levels (Meets & Exceeds): API CH-4/SJ, CG-4 and lower grades • ACEA E7, A3/B3/B4
- MB 228.3 • MAN 3275 • Cummins CES 20076 • MTU Type 2 • JASO DH1 • DFS 93K215 • DQC III-10
  - Renault RLD-2 • VOLVO VDS-2 • Mack EO-M/EO-L







### **NITROL IMPULX NX-5**

Fully Synthetic / Semi Synthetic / Mineral

**API : CG-4/SJ**

**SAE GRADES 0W30, 0W40, 5W30, 5W40, 10W30, 10W40, 15W40, 20W50**

NITROL Impulse NX-5 series provide the engine robust shear stability because they can be used by vehicles working at high rpm ranges. Lubrication remains constant at abnormally high and low temperatures. This product have been formulated with effective anti-friction characteristics that give the engine long life. Due to their low viscosity and high stability, they can operate efficiently and put an end to damage caused by deposits. We recommend the use of Impulse NX-5 range of products in diesel and gasoline engines as they are dynamic enough to use in all seasons, maintaining absolutely high level performance.

**Performance Levels (Meets & Exceeds)**

- API CG-4/SJ • ACEA A3/B4 • MB 228.3 • MAN 3275 • MTU Type-2 • VOLVO VDS • MACK EO-L
- Allison C



### **NITROL IMPULX NX-3**

Fully Synthetic / Semi Synthetic / Mineral

**API : CF-4/SJ**

**SAE GRADES 0W30, 0W40, 5W30, 5W40, 10W30, 10W40, 15W40, 20W50**

NITROL Impulse NX-3 range of lubricants are focused in maximum engine protection and performance. These are multi-grade engine oils blended with ultra-high quality base oils and our special additive package. Designed for use in passenger cars, gasoline engines, a variety of trucks and diesel engines in all operating conditions. Excellent oxidative stability and low volatility significantly extend oil change intervals. Anti-friction properties helps engine for smoother, longer-lasting performance With excellent wear resistance and preventing sludge deposits.

**Performance Levels (Meets & Exceeds)**

- API CF-4/SJ • ACEA E2-96, A3/B3 • MB 228.2 • MAN 3275-1 • MTU Type-2 • VOLVO VDS
- MACK EO/K2



### NITROL IMPULX NX-1

Semi Synthetic / Mineral

**API : CF/SF**

**SAE GRADES 10W30, 10W40, 15W40,20W50**

NITROL Impulse NX-1 line up of oils are formulated for blended fleet operations. It is Created using mercantile additive applications and high quality base oils to fulfill present day most modern specification and provides complete protection for all new and vintage vehicles. With their mineral base, these oils are formulated to lubricate and shield high-speed diesel engines, and advanced to provide robust safety against damages incurred by rust, corrosion and mechanical wear, lowering the chance of piston deposits.

**Performance Levels (Meets & Exceeds)**

- API CF/SF



### NITROL IMPULX NX

Mineral

**API : CD/SF**

**SAE GRADES 15W40,20W50,20W60,50,40,60**

NITROL Impulse NX line up of oils are formulated with highly refined base oil and balanced additive packages to deliver excellent engine performance in various range of fleet operations. It's designed to provide protection against rust, corrosion and oxidation stability. This range of product offers extended lifetime and minimal operational costs.

**Performance Levels (Meets & Exceeds)**

- API CD/SF



### NITROL IMPULX

Mineral

**API : CC/SC**

**SAE GRADES 15W40,20W50,20W60,50,40,60**

NITROL IMPULSE line up of oils are designed to be used in mixed fleet operations formulated with highly refined base oil and balanced additive packages to provide ultimate protection against oxidation and sludge formation. They provide excellent anti-wear properties and helps as performance booster along with cost effectiveness.

**Performance Levels (Meets & Exceeds)**

- API CC/SC





**NITROL CHARGER 4T MAX**  
*Fully Synthetic / Semi Synthetic / Mineral*

**API : SN | JASO MA / MA2 / MB**

**SAE GRADES 5W30, 5W40, 10W30, 10W40, 10W60, 15W40, 20W40, 20W50**

NITROL CHARGER 4T MAX series of motorcycle oil are formulated specifically to meet the demanding needs of motorcycle engines which are either on-road, off-road high-performance, 4-cycle sport bikes, motorcycles and scooters. It is formulated to help offer outstanding power along with protection for engines from heat generation and provides excellent performance in all weather conditions.

**Performance Levels (Meets & Exceeds)**

- API SN • JASO MA / MA2 / MB



**NITROL CHARGER 4T XP**  
*Semi Synthetic / Mineral*

**API : SM | JASO MA / MA2 / MB**

**SAE GRADES 10W30, 10W40, 10W60, 15W40, 20W40, 20W50**

NITROL CHARGER 4T XP series are high-performance motorcycle engine oil formulated based on premium quality base oils and advanced additives to deliver out the best performance. Its anti-friction formula is proven to enhance the performance in comparison to traditional motorcycle oils. Uniform fluidity of lubricant maintains the engine performing well for long periods, protects its components from corrosion and deposits.

**Performance Levels (Meets & Exceeds)**

- API SM • JASO MA / MA2 / MB



## NITROL CHARGER 4T

Mineral

**API : SL | JASO MA / MA2 / MB**

**SAE GRADES 15W40, 20W40, 20W50**

NITROL CHARGER 4T Moto series are formulated based on highly refined base oils and performance additives to deliver out powerful boost in performance in terms of acceleration, smooth drive and efficiency. Its anti-wear formula helps in reduction of sludge formation and keeps the engine clean ensures better fuel economy with longer drain interval. This Moto series is ideal for use in 4 stroke motorcycles and scooters in all weather conditions.

### Performance Levels (Meets & Exceeds)

- API SL • JASO MA2 / MB



## NITROL CHARGER 2T

Mineral

**API : TC**

**SAE GRADES 30,20**

NITROL CHARGER 2T API TC Series is designed to use for 2-Stroke scooter, motorcycle engines running at high rpm and snowmobiles, lean oil/fuel ratio chain saws, mopeds etc. This product has formulated with combining highly refined base oils and the latest additive packages to be used in oil injected as well as premixed gasoline/oil lubricated engines. It provides superior protection from sludge deposits and keeps the engine clean in all weather conditions for best performance output.

### Performance Levels (Meets & Exceeds)

- API TC • JASO FC



## NITROL CHARGER 2T PLUS

Mineral

**API : TC-W3**

**SAE GRADES 30,20**

NITROL CHARGER 2T PLUS Outboard API TC-W3 is a high quality stroke engine lubricant designed to fulfill the demands of water-cooled and air-cooled 2-stroke outboard engines. It is formulated to provide outstanding lubrication, anti-corrosive and rust properties in marine environment. Recommended to be used in -stroke engines where TC-W3 or lower grades such as outboard engines, scooters, lawn movers, chainsaws, golf carts, and various 2-stroke powered equipment.

### Performance Levels (Meets & Exceeds)

- API TC for gasoline engines air cooled 2 strokes (20 to 500 c.c.)
- NMMA TC-W3 for gasoline engines water cooled 2 stroke





## **NITROL TRAX ATF +4**

*Fully Synthetic*

### **Classification Chrysler ATF+4**

NITROL TRAX ATF+4 automatic transmission fluid is designed with respect to performance standard as per Chrysler vehicles that require ATF+4 or previous specifications. This fluid offers excellent anti-wear properties, steady shift quality, exceptional anti-friction and advanced temperature performance.

#### **Performance Levels (Meets & Exceeds)**

- Chrysler ATF+4® Requirements • Chrysler MS-9602



## **NITROL TRAX VI**

*Fully Synthetic*

### **Classification GM Dexron VI (J)**

NITROL TRAX VI automatic transmission fluid is designed as per the performance standard of GM Dexron VI (J) or prior specifications. It's a low viscous fully synthetic fluid, offering higher shear stability on extreme conditions with extended drain intervals. They are advised to use in automated transmission of light truck and passenger vehicles.

#### **Performance Levels (Meets & Exceeds)**

- GENERAL MOTORS DEXRON II/III/III(H)/VI(J) • CHRYSLER M1375.4 • TOYOTA P/N 08886-02305/08886-8101
- SUBARU ATF, ATF HP • TOYOTA TYPE T-III, T-IV • TOYOTA WS • AUDI/VW G-052-162-A1/A2 • BMW ETL-7045, 7045E, LA2634, ETL-8072B, 81 22 9 400 275 • FIAT (ALL VEHICLES) TYPO T-IV • HONDA ACURA Z-1 PREMIUM, HONDAMATIC S
- HYUNDAI / KIA SP IV, HYUNDAI SPH-IV • ISUZU BESCO ATF II, ATF III • JAGUAR ATF 3403 M115, JLM 20238 • LT 71141
- MAZDA ATF M III • MERCON LV • MITSUBISHI DIAMOND SP-IV • MB ZF 4 HP20, 236.1/5/6/7/8/9/236.41
- PEUGEOT ZF 4 HP20 • PORSCHE ATF 3403-M115 • VOLVO T-IV • VOITH 55.6635 / VOLVO 97340 • ZF 5HP 18FL/19FL/24A
- ZF 5HP 30 • ZFF TE-ML 09 • BMW P/N 833227542290 • CITROEN P/N PR 9980 • SAAB P/N 93165147



## NITROL TRAX III

Fully Synthetic

### Classification GM Dexron III (H)

NITROL TRAX III is fully synthetic multipurpose automatic transmission fluid designed for automatic gear boxes as per the specification of GM, where Dexron III is quoted. Also, its recommended for fluid clutches, torque converters and non-complex hydraulic systems. It offers exceptional thermal stability, oxidation, corrosion and wear protection. It prevents formation of deposits, sludge along with prolonged validity.

### Performance Levels (Meets & Exceeds)

• GM DEXRON III(G), III(H) • CHRYSLER ATF +3, ATF +4 • TOYOTA T, T-II, T-III, T-IV (JWS 3309) • AUDI G052 162, G052 990, G 055 025, G 052 540, G 055 005, G 055 162 • FORD MERCON V, FNR5 • FORD ESP-M2C-138-CJ/166-H • MB 236.12 / 14 / 15 / 41 • PSA AL-4 • MOPAR AS68RC • SUBARU ATF, ATF-HP • ZF TE-ML 09, 11A/11B • ZF TE-ML 04D, 09, 11B, 14A, 14B, 16L, 17C • HONDA ATF Z-1 • HYUNDAI/KIA SP-II, SPIII, JWS 334/3317/3309 T4 • KIA RED-1 • IDEMITSU K17 • JASO 1A \ • MAZDA ATF-M III, ATF-MV • VW TL 52162 • BMW LA 2634, LT 71141 • ETL 7045E • ETL-8072B • MB 236.1 / 2 / 3 / 5 / 6 / 7 / 9 / 11 • RENAULT DP-0 • TEXACO N402 • SAAB 3309 • VOLVO 4-6 SPEED • ALLISON TES 389 • ALLISON TES 228(C4) • MAZDA F-1/JWS 3317/ M-III/TYP-IV • SUBARU HP • MITSUBISHI DIAQUEEN ATF J2, J3, SP-II, SP-III, PA • NISSAN 402, NISSAN MATIC-D,J,K • SUZUKI 3314, 3317



## NITROL TRAX II

Fully Synthetic

### Classification GM Dexron II

NITROL TRAX II is multipurpose automatic transmission fluid blended with highly refined base stocks and premium additive packages. It is recommended for passenger cars, forklift, vans and light commercial vehicles. It ensures easy and steady shifts at all speeds under any operating condition. They offer excellent thermal stability, ideal oxidation, wear and corrosion protection to ensure the extended life.

### Performance Levels (Meets & Exceeds)

• GM DEXRON II(D)/II(E) • CHRYSLER +3 • FORD ESP-M2C138-CJ / ESP-M2C166-H • TOYOTA TII/2 • ZF TE-ML-03D / 05 / 21L / 09 / 11A / 11B / 14A / 17C • MAN 339 TYPE L1/L2/Z1/V1 • TASA • VOITH H55.6335 • BMW 81 22 9 400 272/81 22 9 400 275/81 22 9 407 738 • CAT TO-2 • OPEL 19 40 700 / 19 40 707 • MITSUBISHI SP / SP2/ BTR • VOLVO CE 97340/41 • MB 236.1/236.5/236.7236.8



Available In

1L

4L

5L

20L

25L

208L



## **NITROL TRAX A**

*Mineral*

**Classification GM TYPE A**

NITROL TRAX A is multipurpose transmission fluid, recommended for use in automatic gearboxes, steering systems where GM Type A Suffix A is quoted. Its anti-wear formula helps in reduction in sludge formation and extended lifetime.

### Performance Levels (Meets & Exceeds)

- GM Type A Suffix A



## **NITROL TRAX DCT**

*Fully Synthetic*

**Classification Dual Clutch Transmission**

NITROL TRAX DCT is a marked fully synthetic transmission fluid with designed to be used in dual-clutch transmission (DCT), additionally referred to as a twin-clutch transmission. It is formulated with top-notch base oil and most advanced additive packages to ensure outstanding anti-wear properties, friction control, durability of anti shudder and dual clutch designs.

### Performance Levels (Meets & Exceeds)

- CHRYSLER C635 DDCT / MTX • FORD WDD-M2C-936-A / (DPS6/MPS6/6DCT45C) • BMW DCTF-1/ MTF-LT-5 • MB 236.25 / 236.21 • PORCHE 043 207 30/000 043 20/043 207 29 / FFL-2/FFL-3/FFL-4 • PSA PART NO. 9734 S2 • BOT 450/BOT 341
- VW G 052 182/ TL 52 182/ G 052 529 • VOLVO TF-805C • FIAT 9.5550-MZ6 • SHELL TF DCT-F3



## **NITROL TRAX CVT**

*Fully Synthetic*

### Classification **Continuously Variable Transmission**

NITROL TRAX CVT is a fully synthetic transmission fluid for latest generations of Continuously Variable Automatic Transmissions (CVT) which transfer traction through chains or belts is particularly formulated for latest standards. They offer enhanced friction durability, wear and corrosion protection for a smoother drive and prolonged transmission life. It prevents belt or chain slippage and assures smooth and consistent drive.

#### Performance Levels (Meets & Exceeds)

• GM DEX-CVT • CHRYSLER/DODGE/JEEP NS-2/CVT +4 • Toyota/Lexus TC, FE • Ford CVT23 • Mazda CVTF 3320 • MB 236.2 • Nissan NS-1, NS-2, NS-3, CVT30, WSS-M2C933-A • Mitsubishi DiaQueen CVTF-J1/CVTF-J4/SP-III • Audi/VW TL 52180, G 052 180, G 052 516 • AUDI MULTITRONIC • BMW MINI COOPER EZL799/799A/ZF CVT V1 • Suzuki CVTF 3320, TC, NS-2, CVTF Green1, CVTF Green 2 • Honda HMMF / HCF-2 / Z1 • DAIHATSU AMMIX DC/DFC/CVTF-DFE • DAIHATSU TC • HYUNDAI/KIA CVT-J1 / SP-III • IDEMITSU CVTS-EX1 • VAG TL 521 16 (G052 516) / TL 521 80 (G 052 180 A2) • PUNCH CVT • SHELL GREEN 1V



## **NITROL UTTO**

*Semi-Synthetic/Mineral*

### Classification **Universal Tractor Transmission Oil**

**SAE GRADES : 10W-30 10W-40 15W-30 15W-40 20W-40**

NITROL UTTO is an advanced multipurpose tractor fluid designed to for all weather service in tractor transmissions, hydraulic systems and differentials with wet brake systems requirements. It offers excellent oxidation, wear and corrosion protection, thus reduces the sludge, deposit formations. It's recommended to use in Tractors, construction and mining equipment in all weather conditions with its advanced Anti-wear and Extreme Pressure Formula.

#### Performance Levels (Meets & Exceeds)

• API GL-4 • Caterpillar TO-2 • Massey Ferguson M1135, M1141, M1143, M 1145 • ZF TE-ML-03E, 05F, 06K • Ford / NewHolland FNHA-2-C-201.00 • Ford M2C-48B/C • Ford M2C-159A • Ford M2C-86B/C • Ford M2C-134 A/B/C/D • ALLISON C4 • Case MS 1204,6,7,9 • John Deere J20 A/B/C, J14 B/C • New Holland NH 410B

Available in



250 ml

500 ml

20L

25L

208L





## **NITROL SWITCH EXTREME**

*fully synthetic / semi-synthetic / mineral*

**API : GL-5**

**SAE GRADES 75W-80, 75W-90, 75W-140, 80W-90, 80W-140, 85W-90, 85W-140, 90, 140**

NITROL SWITCH EXTREME Gear Oil API GL-5 is manual transmission fluid formulated with selective base stocks and premium extreme pressure additive packages to ensure excellent low temperature fluidity. It is recommended in manual transmission and axle drives of passenger cars, minivans and heavy-duty trucks, busses where an API GL-5 or prior grades are quoted.

### **Performance Levels (Meets & Exceeds)**

- API: GL-5 • API MT-1 • MIL-L-2105D • SAE J2360 • MB 235.8 • ZF TE-ML 05A, 7A, 12E, 16B, C & D, 17B, 19B, 21A
- VOLVO 97312 • SCANIA STO 1:0 • MAN 342 M2



## **NITROL SWITCH ULTRA**

*fully synthetic / semi-synthetic / mineral*

**API : GL-4**

**SAE GRADES 75W-80, 75W-90, 75W-140, 80W-90, 80W-140, 85W-90, 85W-140, 90, 140**

NITROL SWITCH ULTRA Gear oil API GL-4 series is an extreme pressure gear oil for high-load manual and transaxle transmissions, where lubricant requirement of API GL4 is quoted. This range is formulated with high-quality paraffin base stocks and selective additive package containing extreme pressure, anti-wear, anti-friction agents and oxidation and corrosion inhibitors. It offers smooth transmission, even in heavy load conditions, over all weather season.

### **Performance Levels (Meets & Exceeds)**

- API: GL-4 • ZF TE-ML 08 • MAN 341 • MB 235.10 • Massey Ferguson M1110 (80W-90, 80W-140)



## **NITROL SWITCH**

*Mineral*

**API : GL-1**

**SAE GRADES SAE 140, SAE 90**

NITROL SWITCH Gear Oil API GL-1 is mono grade transmission fluid designed for using in Industrial and Automobile machinery containing equipment having bronze and copper parts. It is formulated with mineral base stocks and anti-wear technology to offer all year protection for the transmission.

### Performance Levels (Meets & Exceeds)

- API: GL-1



Available In

1L

4L

5L

20L

25L

208L



## NITROL INTERCEPT 5.1

fully synthetic

### DOT 5.1

NITROL INTERCEPT 5.1 is the most advanced fluid designed for brake systems, including disc, drum, ABS, ASR and ESP applications. It is fully synthetic poly glycol based, non-silicone, DOT 5.1 brake fluid designed for providing increased wet boiling point, improvised brake performance in the shortest response time

#### Performance Levels (Meets & Exceeds)

- FMVSS 116 DOT 5.1 • ISO 4925 CLASS 5.1 • SAE J1703 • SAE J1704



## NITROL INTERCEPT 4

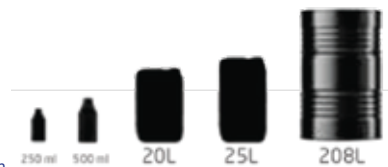
fully synthetic

### DOT 4

NITROL INTERCEPT 4 is top-notch synthetic brake and hydraulic clutch fluid formulated with poly glycol and additive package containing antioxidant, corrosion inhibitor and steel deactivator to make certain prolonged lifetime of brake systems. It has outstanding low temperature properties, high wet boiling point and guarantees protection against vapor lock. It's advised to use in ABS and ADS systems requiring the DOT-4 specifications.

#### Performance Levels (Meets & Exceeds)

- FMVSS 116 DOT 4 • ISO 4925 CLASS 4 • SAE J1703 • SAE J1704 • JIS K 2233



Available In



## **NITROL INTERCEPT 3**

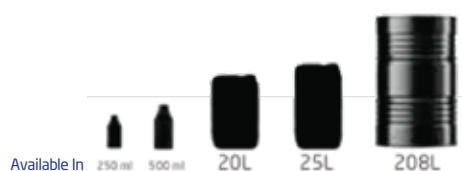
*fully synthetic*

### **DOT 3**

NITROL INTERCEPT 3 is synthetic brake and hydraulic clutch fluid formulated with poly glycol and additive package containing antioxidant, corrosion and rust inhibitors to make certain prolonged lifetime of brake systems. It has an excellent range of temperature properties, high wet boiling point. It's advised to use in ABS and ADS systems requiring the DOT-3 specifications.

#### **Performance Levels (Meets & Exceeds)**

FMVSS 116 DOT 3 • ISO 4925 (Class 3) • SAE J 1703



Available In

250 ml

500 ml

20L

25L

208L



## NITROL CHILLERX MAX

Concentration: **100% Concentrate**

NITROL CHILLERX MAX 100% Concentrate is a coolant fluid composed of ethylene glycol and Organic Acid Technology (OAT) corrosion inhibitor. It's designed to maintain the temperature in liquid-cooled internal combustion engines from initial cold start-up, in which the anti-freeze prevents the coolant from freezing to excessive operating temperatures. They are nitrite, borate silicate, amine and phosphate-free product, recommended to be used in engines in passenger cars, minivans and heavy-duty automobiles utilized in a variety of industries like off-road, and heavy-responsibility programs along with farming, construction and mining.

### Performance Levels (Meets & Exceeds)

- BS 6580 • ASTM D330 • AS 2108-2004 Type A



## NITROL CHILLERX

Concentration: **60% , 50%, 33% Concentrate**

NITROL CHILLERX are ethylene glycol-based fluid that's formulated to offer excellent wet sleeve liner cavitation and corrosion protection for the cooling system with its marked ANTI-CORROSIVE FORMULA. It's available in various concentrations - 60 %, 50%, 33% for equipped to apply in the systems. Nitrol coolants are nitrite, borate silicate, amine and phosphate-free product, recommended to be used in engines in passenger cars, minivans and heavy-duty automobiles utilized in a variety of industries like off-road, and heavy-responsibility programs along with farming, construction and mining.

### Performance Levels (Meets & Exceeds)

- BS 6580 • ASTM D330 • AS 2108-2004 Type A



## **NITROL HYDRAX AW**

*Mineral*

**Classification : DIN 51524-2 HLP**

ISO VG Grades : **22, 32, 46, 68, 100**

NITROL HYDRAX AW series is prime anti-wear hydraulic oils formulated to function at wide temperature variations and viscosity required with modern hydraulic systems. Its ANTI-WEAR formula containing zinc ensures excellent wear, corrosion protection at various temperature ranges.

### Performance Levels (Meets & Exceeds)

- DIN 51524-2 HLP • CINCINNATI MILACRON P-68, P-69, P-70 • DENISON HF-1, HF-2, HF-0 • LEE NORSE 100-1
- B.F. GOODRICH 0152 • FORD M-6C 32 • AFNOR E 48-603 • US STEEL 126, 127, CATEGORY HM MAN 698, HM ISO 6743/4
- VICKERS I-286-S, M-2950-S



## **NITROL HYDRAX HVLP**

*Mineral*

**Classification : DIN 51524-3 HVLP**

ISO VG Grades : **22, 32, 46, 68, 100**

NITROL HYDRAX HVLP are special hydraulic fluid designed as per the performance requirements of HVLP DIN 51524-3. It offers excellent functionality at wide range of temperature with its higher viscosity index and low pour point. Its thermal stability, anti-oxidation and anti-wear capabilities ensures extended life-time.

### Performance Levels (Meets & Exceeds)

- DIN 51524 -2 HLP • DIN 51524 -3 HVLP • ISO 11158 HV (FDIS 2008) • JCMAS HK P041 (2004)
- Parker Denison HF-0, HF-1, HF-2 • SAE MS1004 • SEB 181 222 (2007) • US Steel 126, 127 and 136



Available In

1L

4L

5L

20L

25L

208L



## **NITROL NEXUS TURBINE OIL**

*Mineral*

**ISO VG Grades : 32 46 68**

NITROL NEXUS Turbine Oil is an advanced lubricant solution for steam and gas turbine applications. It's designed with top-notch base oil and marked additive formula, it's well known for its supreme oxidation, anti-foam, anti-corrosion and wear properties to assist in extended life of the machine.

### **Performance Levels (Meets & Exceeds)**

- DIN 51515, part 1 (L-TD) • DIN 51515, part 2 (L-TG) • DIN 51506 (VBL, VCL, VDL) • ISO / DP 6521 (DAA, DAB, DAH, DAG)
- BS 489 • ISO 8068 • MIL-L-17672 D • CEGB 207001 • Brown Boveri HTGD 90117 • GEK 32568 A/C
- US STEEL 120 & 126 • Siemens TLV 9013 04/01



## **NITROL NEXUS TRANSFORMER OIL (INHIBITED)**

*Mineral*

NITROL NEXUS TRANSFORMER OIL (Inhibited) is a highly advanced product formulated for using in transformers, switch-gear, inductors, transducers and condensers. It's designed with highly refined base stocks and performance additive package to ensure excellent dielectric strength and low temperature properties assist in cooling and insulating the equipment and extended lifetime.

### **Performance Levels (Meets & Exceeds)**

- IEC 296 Class IA-Inhibited • IEC 296 Class I-Inhibited • IEC 60296-Inhibited (Paraffinic) • IEC 60296-Inhibited (Naphthenic)



## **NITROL NEXUS TRANSFORMER OIL (UN-INHIBITED)**

*Mineral*

NITROL NEXUS TRANSFORMER OIL (UN-INHIBITED) is an advanced refined uninhibited mineral oil blended with premium additive packages designed for insulating and cooling transformers and oil immersed switch-gear. They provide high dielectric strength, efficient low temperature performance along with uplifted oxidation properties to ensure long life.

### **Performance Levels (Meets & Exceeds)**

- BS 148:1984 Class-1/IEC 295 Class I-Uninhibited • IEC 60296-Uninhibited (Paraffinic) • IEC 60296-Uninhibited (Naphthenic)



## **NITROL NEXUS GEAR OIL - EP**

*Mineral / Synthetic*

**ISO VG Grades : 68 100 150 220 320 460 680**

NITROL NEXUS GEAR OIL - EP is special range of products offered for industrial gear systems like helical, spur and straight types operating under wide ranges of speeds, loads and temperatures. This product is designed with mineral base stocks and EP additive packages to ensure outstanding wear protection and excellent thermal stability, operating at extreme conditions.

### **Performance Levels (Meets & Exceeds)**

- DIN 51517 Part 3 CLP • ISO 12925-1:1996 CKD • GM LS 2 EP GEAR OIL • AIST 224/US STEEL 224
- ANSI/AGMA 9004-D95/9005-E02 • AGMA 250.04 (Synthetic)



## **NITROL NEXUS COMPRESSOR OIL**

*Mineral / Synthetic*

**ISO VG Grades : 32 46 68 100 150**

NITROL NEXUS COMPRESSOR OIL is top-notch performance compressor lubricant formulated with highly refined paraffin base oils and advanced additives to ensure provide mint lubrication in all kinds of reciprocating and rotary air compressors. With its most advanced anti-wear formula helps ultra-cleanliness and long life.

### **Performance Levels (Meets & Exceeds)**

- DIN 51506 VDL



Available In

1L

4L

5L

20L

25L

208L





## **NITROL ABRAX CALCIUM**

*Mineral*

**Classification : Calcium Multipurpose Grease**

**NLGI Grade: NLGI 1, NLGI 2, NLGI 3**

NITROL ABRAX CALCIUM Grease consist of highly refined paraffinic base stock, calcium-based thickener/soap and performance additive package. It's well known for wear, rust and corrosion protection in wet to dry, light to moderate load and average temperature conditions. Its available in MP-1, MP-2, MP-3 grades.

### Performance Levels (Meets & Exceeds)

- DIN 51502: KP 1C-20, KP 2C-20, KP 3C-20



## **NITROL ABRAX LITHIUM MP**

*Mineral*

**Classification : Lithium Multipurpose Grease**

**NLGI Grade: NLGI 1, NLGI 2, NLGI 3**

NITROL ABRAX LITHIUM MP Grease consist of highly refined paraffinic base stock, lithium-based thickener/soap and performance additive package. It provides exceptional oxidation, anti-wear and rust traits along with prolific water washout resistance. It's recommended to be used to wide range of applications including wheel bearing, ball joints, universal joints in automobiles, agricultural machinery and industrial equipment. Its available in MP-1, MP-2, MP-3 grades.

### Performance Levels (Meets & Exceeds)

- DIN 51502: KP 1K-20, KP 2K-20, KP 3K-20



## **NITROL ABRAX LITHIUM EP**

*Mineral*

**Classification : Lithium Extreme Pressure Grease**

**NLGI Grade: NLGI 1, NLGI 2, NLGI 3**

NITROL ABRAX LITHIUM (EP) Grease consist of highly refined paraffinic base stock, lithium-based thickener/soap and improved EP-additive package. It's formulated to be used in extreme conditions of load and temperatures. It provides exceptional oxidation, anti-wear and rust traits along with prolific water washout resistance. It's recommended to be used in Automotive chassis, ball joints, universal joints, bearings, agricultural machinery and industrial equipment where high load and mechanical stress is encountered.

### **Performance Levels (Meets & Exceeds)**

- DIN 51502: KP 1K-20, KP 2K-20, KP 3K-20



## **NITROL ABRAX LITHIUM COMPLEX**

*Mineral*

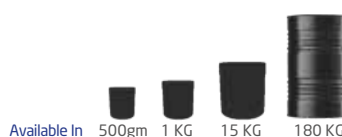
**Classification : Lithium Complex Multipurpose Grease**

**NLGI Grade: NLGI 2, NLGI 3**

NITROL ABRAX LITHIUM COMPLEX grease is a special product designed to withstand high temperature, extreme pressure conditions over long period of time. It's formulated with high viscosity index base stocks, advanced complex thickener and performance additives to exhibit optimum shear stability, oxidation and rust inhibiting solution. This product is well known for their high dropping point and high temperature withstanding capabilities.

### **Performance Levels (Meets & Exceeds)**

- DIN 51502: KP 2P-20, KP 3P-20



Available In 500gm 1 KG 15 KG 180 KG



## **NITROL ABRAX GRAPHITE**

*Mineral*

**Classification : Calcium Graphite Grease**

**NLGI Grade: NLGI 2, NLGI 3**

NITROL ABRAX GRAPHITE Grease is a special product is formulated with mineral base stocks, calcium soap and advance additives enhanced with finely diffused solid lubricant graphite powder for improved protection against wear and corrosion along with enhanced lubricity. It offers excellent wear protection with aid of graphite layer in addition to the excellent load carrying capacity.

### **Performance Levels (Meets & Exceeds)**

DIN 51502: KP 2G-20, KP 3G-20



## **NITROL ABRAX MOLYBDENUM**

*Mineral*

**Classification : Molybdenum Complex Grease**

**NLGI Grade: NLGI 2, NLGI 3**

NITROL ABRAX MOLYBDENUM Grease is a special product is formulated with mineral base stocks, lithium complex soap and advance additives enhanced with finely mixed molybdenum disulfide powder for improved protection against wear, corrosion and oxidation. It's advised to use in heavy load and high temperature conditions with presence of micro particles of the MOS2. It offers long life and low-maintenance cost for equipment.

### **Performance Levels (Meets & Exceeds)**

DIN 51502: KPF 2P-20, KPF 3P-20



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Pioneering Lubricating Solution

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