

# HYUNDAI

## ***XTeer***

**AUTOMOBILE LUBRICANT**  
**INDUSTRIAL LUBRICANT**  
**GREASE**



**AUTOMOBILE LUBRICANT**  
**HYUNDAI *XTeer***

# ***XTeer TOP PRIME 5W40***

## **Description**

XTeer TOP PRIME is a premium performance engine oil formulated with state of the art additives and fully synthetic base fluids. It provides best thermal and oxidative stability for improved oil life and deposit control as well as excellent friction reduction and seal compatibility enhancement. XTeer TOP PRIME is fully suitable for use in gasoline passenger car, light duty gasoline truck, diesel passenger car and LPG passenger car under all operating conditions. The wider temperature range capability of the synthetic base fluid ensures correct oil viscosity which reduces friction at start-up and provides maximum lubrication during high temperature operation in all seasons. The effective anti-wear additive system reduces wear by protecting surfaces when load causes breakdown of the lubricant film.

## **Application**

- Gasoline/Diesel Compact/LPG cars
- Prestige cars like BMW/BENZ/LEXUS
- DPF / CPF – installed cars
- High fuel efficiency – featured cars
- High accelerator reaction speed – demanded cars

## **Features / Benefits**

- It provides maximum engine protection at the highest speeds
- It maximizes the engine performance in the toughest conditions Low foaming
- It reduces deposit and sludge in turbocharged engines by more than 50%
- It reduces deposit and sludge in engines and pistons
- Tested with all rubber seals in the engine

## **Remarks**

XTeer TOP PRIME meets or exceeds the requirements of

- API SN/CF
- ACEA C3, A3/B3/B4
- MB-Approval 229.31/229.51
- Renault RN0700/RN0710
- BMW Longlife – 04
- GM dexos 2
- Porsche A40
- Ford WSS-M2C917-A
- VW 502 00/505 00/505 01

SAE	Viscosity		Viscosity Index	Flash Point (°C)	Pour Point (°C)
	40°C	100°C			
5W40	84.33	14	172	222	-35

# ***XTeer TOP PRIME 5W30***

## **Description**

XTeer TOP PRIME is a premium performance engine oil formulated with state of the art additives and fully synthetic base fluids. It provides best thermal and oxidative stability for improved oil life and deposit control as well as excellent friction reduction and seal compatibility enhancement. XTeer TOP PRIME is fully suitable for use in gasoline passenger car, light duty gasoline truck, diesel passenger car and LPG passenger car under all operating conditions. The wider temperature range capability of the synthetic base fluid ensures correct oil viscosity which reduces friction at start-up and provides maximum lubrication during high temperature operation in all seasons. The effective anti-wear additive system reduces wear by protecting surfaces when load causes breakdown of the lubricant film.

## **Application**

- Gasoline/Diesel Compact/LPG cars
- Prestige cars like BMW/BENZ/LEXUS
- DPF / CPF – installed cars
- High fuel efficiency – featured cars
- High accelerator reaction speed – demanded cars

## **Features / Benefits**

- It provides maximum engine protection at the highest speeds
- It maximizes the engine performance in the toughest conditions Low foaming
- It reduces deposit and sludge in turbocharged engines by more than 50%
- It reduces deposit and sludge in engines and pistons
- Tested with all rubber seals in the engine

## **Remarks**

XTeer TOP PRIME meets or exceeds the requirements of

- API SN/CF
- ACEA A1/B1, A5/B5, C2
- Renault RN0700/RN0710
- GM dexos 2
- ACEA C3, A3/B3/B4
- MB-Approval 229.31/229.51
- BMW Longlife – 04

SAE	Viscosity		Viscosity Index	Flash Point (°C)	Pour Point (°C)
	40°C	100°C			
5W30	68.71	11.63	165	226	-35

# ***XTeer TOP 5W40***

## **Description**

XTeer TOP is a premium performance engine oil formulated from synthetic base fluids. It is fully suitable for use in gasoline passenger car, light duty gasoline truck, diesel passenger car and LPG passenger car under all operating conditions. The wider temperature range capability of the synthetic base fluid ensures correct oil viscosity which reduces friction at start-up and provides maximum lubrication during high temperature operation in all seasons. The effective anti-wear additive system reduces wear by protecting surfaces when load causes breakdown of the lubricant film.

## **Application**

- Naturally aspirated gasoline engines
- LPG and diesel engines in passenger cars
- Light truck gasoline and diesel engines
- Recommended for use in gasoline and diesel powered RVs and SUVs
- Passenger cars with high speed, four-stroke, turbocharged and DPF / CPF

## **Features / Benefits**

- It provides maximum engine protection at the highest speeds
- It maximizes the engine performance in the toughest conditions Low foaming
- It reduces deposit and sludge in turbocharged engines by more than 50%
- It reduces deposit and sludge in engines and pistons
- Tested with all rubber seals in the engine

## **Remarks**

XTeer TOP 5W40 meets or exceeds the requirements of

- API SN/CF
- ACEA C3, A3/B3/B4
- MB-Approval 229.31/229.51
- Renault RN0700/RN0710
- BMW Longlife – 04
- GM dexos 2
- Porsche A40
- Ford WSS-M2C917-A
- VW 502 00/505 00/505 01

SAE	Viscosity		Viscosity Index	Flash Point (°C)	Pour Point (°C)
	40°C	100°C			
5W40	77.37	12.88	171	222	-35

# ***XTeer TOP 5W30***

## **Description**

XTeer TOP is a premium performance engine oil formulated from synthetic base fluids. It is fully suitable for use in gasoline passenger car, light duty gasoline truck, diesel passenger car and LPG passenger car under all operating conditions. The wider temperature range capability of the synthetic base fluid ensures correct oil viscosity which reduces friction at start-up and provides maximum lubrication during high temperature operation in all seasons. The effective anti-wear additive system reduces wear by protecting surfaces when load causes breakdown of the lubricant film.

## **Application**

- Naturally aspirated gasoline engines
- LPG and diesel engines in passenger cars
- Light truck gasoline and diesel engines
- Recommended for use in gasoline and diesel powered RVs and SUVs
- Passenger cars with high speed, four-stroke, turbocharged and DPF / CPF

## **Features / Benefits**

- It provides maximum engine protection at the highest speeds
- It maximizes the engine performance in the toughest conditions Low foaming
- It reduces deposit and sludge in turbocharged engines by more than 50%
- It reduces deposit and sludge in engines and pistons
- Tested with all rubber seals in the engine

## **Remarks**

XTeer TOP 5W30 meets or exceeds the requirements of

- API SN/CF
- ACEA C3, A3/B3/B4
- ACEA A1/B1, A5/B5, C2
- MB-Approval 229.31/229.51
- Renault RN0700/RN0710
- BMW Longlife – 04
- GM dexos 2

SAE	Viscosity		Viscosity Index	Flash Point (°C)	Pour Point (°C)
	40°C	100°C			
5W30	69.85	11.74	164	226	-35

# ***XTeer GASOLINE Ultra Efficiency 5W20***

## **Description**

XTeer GASOLINE Ultra Efficiency is formulated from synthetic technology base oil, which meets the requirements of current advanced engine oil grade of API SN and ILSAC GF-5. It is optimized to provide complete engine oil performance especially for fuel efficiency and durability, reducing oil fuel consumption. It guarantees fuel savings without the need to change your driving habits.

## **Application**

- All premium gasoline vehicles (both naturally aspirated and turbocharged engines)
- High performance cars with the latest engine technology
- Suitable for all seasons

## **Features / Benefits**

- It provides higher fuel efficiency than XTeer Gasoline
- It reduces deposit and sludge in turbocharged engines by more than 50%
- It reduces deposit and sludge in engines and pistons
- It maximizes the engine performance in the toughest conditions
- Tested with all rubber seals in the engine

## **Remarks**

XTeer GASOLINE Ultra Efficiency 5W20 meets or exceeds the requirements of

- API SN/GF-5

SAE	Viscosity		Viscosity Index	Flash Point (°C)	Pour Point (°C)
	40°C	100°C			
5W20	54.93	8.88	140	222	-40



# ***XTeer GASOLINE Ultra Protection 5W30***

## **Description**

XTeer GASOLINE Ultra Protection is formulated from synthetic technology base oil, which meets the requirements of current advanced engine oil grade of API SN and ILSAC GF-5. It is optimized to provide complete engine oil performance especially for city, road or motor way driving, even in the toughest conditions in all seasons.

## **Application**

- All premium gasoline vehicles (both naturally aspirated and turbocharged engines)
- High performance cars with the latest engine technology
- Suitable for all seasons

## **Features / Benefits**

- It provides maximum engine protection at the highest speeds
- It reduces deposit and sludge in turbocharged engines by more than 50%
- It reduces deposit and sludge in engines and pistons
- It reduces fuel consumption
- Tested with all rubber seals in the engine

## **Remarks**

XTeer GASOLINE Ultra Protection 5W30 meets or exceeds the requirements of

- API SN/GF-5

SAE	Viscosity		Viscosity Index	Flash Point (°C)	Pour Point (°C)
	40°C	100°C			
5W30	63.45	10.6	157	228	-35

# ***XTeer GASOLINE Ultra Protection***

## **Description**

XTeer GASOLINE Ultra Protection is formulated from synthetic technology base oil, which meets the requirements of current advanced engine oil grade of API SN. It is optimized to provide complete engine oil performance especially for city, road or motor way driving, even in the toughest conditions in all seasons.

## **Application**

- All premium gasoline vehicles (both naturally aspirated and turbocharged engines)
- High performance cars with the latest engine technology
- Suitable for all seasons

## **Features / Benefits**

- It provides maximum engine protection at the highest speeds
- It reduces deposit and sludge in turbocharged engines by more than 50%
- It reduces deposit and sludge in engines and pistons
- It reduces fuel consumption
- Tested with all rubber seals in the engine

## **Remarks**

XTeer GASOLINE Ultra Protection meets or exceeds the requirements of

- API SN

SAE	Viscosity		Viscosity Index	Flash Point (°C)	Pour Point (°C)
	40°C	100°C			
5W40	88.49	14.17	166	222	-35
10W40	85.62	13.36	158	238	-35

# ***XTeer GASOLINE G700***

## **Description**

XTeer Gasoline G700 is the most advanced synthetic gasoline engine oil designed for premium cars with the latest technology. It meets the requirements of current advanced engine oil grade of API SN and ILSAC GF-5. It is optimized to provide outstanding protection and lubricity in all passenger gasoline car engines.

## **Application**

- All premium gasoline vehicle (both naturally aspirated and turbocharged engines)
- High performance cars with the latest engine technology
- Suitable for all seasons

## **Features / Benefits**

- It reduces deposit and sludge in turbocharged engines by more than 50%
- It reduces deposit and sludge in engines and pistons
- It reduces fuel consumption
- It maximizes the engine performance in the toughest conditions
- Tested with all rubber seals in the engine

## **Remarks**

XTeer GASOLINE G700 meets or exceeds the requirements of

- API SN/GF-5

SAE	Viscosity		Viscosity Index	Flash Point (°C)	Pour Point (°C)
	40°C	100°C			
5W30	60.64	10.15	155	228	-48
10W30	73.1	11.1	142	222	-42.5

# ***XTeer GASOLINE G700***

## **Description**

XTeer Gasoline G700 is the most advanced synthetic gasoline engine oil designed for premium cars with the latest technology. It meets the requirements of current advanced engine oil grade of API SN. It is optimized to provide outstanding protection and lubricity in all passenger gasoline car engines.

## **Application**

- All premium gasoline vehicles (both naturally aspirated and turbocharged engines)
- High performance cars with the latest engine technology
- Suitable for all seasons

## **Features / Benefits**

- It reduces deposit and sludge in turbocharged engines by more than 50%
- It reduces deposit and sludge in engines and pistons
- It reduces fuel consumption
- It maximizes the engine performance in the toughest conditions
- Tested with all rubber seals in the engine

## **Remarks**

XTeer GASOLINE G700 meets or exceeds the requirements of

- API SN

SAE	Viscosity		Viscosity Index	Flash Point (°C)	Pour Point (°C)
	40°C	100°C			
5W40	83.55	13.72	168	232	-42
10W40	104.1	14.52	152	232	-40
20W50	190.4	20.61	127	232	-32.5

# ***XTeer* GASOLINE G500**

## **Description**

XTeer Gasoline G500 is a gasoline engine oil product made of high-quality base oil and premium additives. XTeer Gasoline G500 is compliant with API SL and applicable to gasoline engines

## **Application**

- Outstanding protection and lubricity in all gasoline vehicle (both naturally aspirated and turbocharged engines)
- Suitable for all seasons

## **Features / Benefits**

- It maximizes engine life under all operating conditions
- It maintains power output and economy
- It provides significant fuel savings by reducing frictional losses
- It minimizes vibration and noise of engine

## **Remarks**

XTeer GASOLINE G500 meets or exceeds the requirements of

- API SL

SAE	Viscosity		Viscosity Index	Flash Point (°C)	Pour Point (°C)
	40°C	100°C			
10W40	104.7	14.99	150	236	-45
15W40	109.1	14.33	133	240	-36

# ***XTeer DIESEL Ultra 5W30***

## **Description**

XTeer DIESEL Ultra is the most advanced synthetic diesel engine oil designed for protecting advanced engine parts as well as the environment. It meets the requirements of current advanced engine oil grade of API CF / SN, ACEA C3, A3/B3/B4. It is a 100% synthetic diesel engine oil utilizing advanced technology.

## **Application**

- All premium diesel vehicles (both naturally aspirated and turbocharged engines)
- High powered cars with the latest engine technology
- High performance passenger cars SUVs, RVs and mini vans
- Suitable for all seasons

## **Features / Benefits**

- It increases DPF(Diesel Particulate Filters) life
- It reduces emissions (low SAPS)
- It increases overall stability in low temperatures
- It maximizes engine protection at the highest speeds
- It maximizes engine performance in the toughest conditions

## **Remarks**

XTeer DIESEL Ultra 5W30 meets or exceeds the requirements of

- API SN
- ACEA C3, A3/B3/B4
- MB-Approval 229.31/229.51
- Renault RN0700/RN0710
- BMW Longlife - 04
- GM dexos 2
- Renault RN0700

SAE	Viscosity		Viscosity Index	Flash Point (°C)	Pour Point (°C)
	40°C	100°C			
5W30	73.27	12.32	167	226	-35

# ***XTeer DIESEL Ultra C3 5W30***

## **Description**

XTeer DIESEL Ultra C3 is a low SAPS – type synthetic engine oil product with low sulfur oxide/phosphorus/sulfur. XTeer DIESEL Ultra C3 contributes to improving DPF/CPF efficiency and lifespan also maintaining engine component durability by minimizing ash formation in DPF/CPF. As an 100% synthetic oil, XTeer DIESEL Ultra C3 is excellent in cold start performance, heat/oxidation stability and viscosity retention.

## **Application**

- DPF / CPF – installed diesel engines
- ACEA C3 – recommended pickup trucks, Diesel sedans

## **Features / Benefits**

- It increases DPF(Diesel Particulate Filters) life
- It reduces emissions (low SAPS)
- It increases overall stability in low temperatures
- It maximizes engine protection at the highest speeds
- It maximizes engine performance in the toughest conditions

## **Remarks**

XTeer DIESEL Ultra C3 meets or exceeds the requirements of

- API SN
- ACEA C3

SAE	Viscosity		Viscosity Index	Flash Point (°C)	Pour Point (°C)
	40°C	100°C			
5W30	68.56	11.63	165	224	-36

# ***XTeer DIESEL D700 10W30***

## **Description**

XTeer DIESEL D700 is the most advanced synthetic diesel engine oil designed for premium cars with the latest technology. It meets the requirements of current advanced engine oil grade of API CI-4 / SL. It is optimized to lubricate a wide range of diesel line engines under severe conditions.

## **Application**

- All premium diesel vehicles (both naturally aspirated and turbocharged engines)
- High powered cars with the latest engine technology
- High performance passenger cars without DPF
- Suitable for all seasons

## **Features / Benefits**

- It provides maximum engine protection at the highest speeds
- It provides maximum engine performance in the toughest conditions
- It provides sustained engine durability

## **Remarks**

XTeer DIESEL D700 meets or exceeds the requirements of

- API CI-4 / SL
- MB-Approval 228.3
- Cummins CES 20076
- MAN 271
- Volvo VDS-2

SAE	Viscosity		Viscosity Index	Flash Point (°C)	Pour Point (°C)
	40°C	100°C			
10W30	81.4	12.25	147	222	-45



# ***XTeer HD Ultra 15W40***

## **Description**

XTeer HD Ultra is the most advanced heavy duty diesel engine oil designed for the latest premium diesel engines with considerations for the environment. It meets the toughest standards of the major European car manufacturers such as Mercedes-Benz and Volvo. Its excellent resistance to temperature variations guarantees the longevity of engine parts and optimal performance levels under all circumstances.

## **Application**

- All heavy duty vehicles (trucks, buses)
- Construction equipment
- Off-highway vehicles

## **Features / Benefits**

- It provides sustained emission control system durability
- It provides maximum engine protection under severe workload
- It provides maximum engine performance in the toughest conditions
- It is recommended for 15ppm sulfur fuel or higher grade

## **Remarks**

XTeer HD Ultra meets or exceeds the requirements of

- API CJ-4/SL
- ACEA E9
- MB 228.31, Volvo VDS-4
- MAN 3575, Cummins CES 20081

SAE	Viscosity		Viscosity Index	Flash Point (°C)	Pour Point (°C)
	40°C	100°C			
15W40	119.3	16.00	144	220	-32.5

# ***XTeer HD Ultra 10W40***

## **Description**

XTeer HD Ultra is the most advanced synthetic heavy duty diesel engine oil designed for the latest premium diesel engines with considerations for the environment. It is a synthetic heavy duty engine oil utilizing advanced technology which helps to provide outstanding engine protection for turbocharged four stroke diesel engines. Its excellent resistance to temperature variations guarantees the longevity of engine parts and optimal performance levels under all circumstances.

## **Application**

- All heavy duty vehicles (trucks, buses)
- Construction equipment
- Off-highway vehicles

## **Features / Benefits**

- It is optimized for the latest engines designed to meet Euro 6 emission requirements
- It provides sustained emission control system durability
- It provides maximum engine protection under severe workload
- It provides maximum engine performance in the toughest conditions
- It is recommended for 15ppm sulfur fuel or higher grade

## **Remarks**

XTeer HD Ultra meets or exceeds the requirements of

- API CJ-4/SL
- ACEA E9
- MB 228.31

SAE	Viscosity		Viscosity Index	Flash Point (°C)	Pour Point (°C)
	40°C	100°C			
10W40	104.6	15.26	154	232	-37.5

# ***XTeer HD 7000 15W40***

## **Description**

XTeer HD 7000 is the most advanced synthetic heavy duty diesel engine oil designed for the latest premium diesel engines as well as conventional engines. It is engineered to provide outstanding lubrication to modern, high performance diesel engines used in severe on-and-off highway applications. The advanced technology in XTeer HD delivers exceptional performance in both modern diesel engines as well as old models.

## **Application**

- All heavy duty vehicles (trucks, buses)
- Construction equipment
- Off-highway vehicles

## **Features / Benefits**

- It provides maximum engine protection under severe workload
- It provides maximum engine performance in the toughest conditions
- It provides sustained engine durability

## **Remarks**

XTeer HD 7000 meets or exceeds the requirements of

- API CI-4/SL
- MB 228.3
- MAN 3275
- Volvo VDS-3
- Cummins 20076/20078

SAE	Viscosity		Viscosity Index	Flash Point (°C)	Pour Point (°C)
	40°C	100°C			
15W40	107.2	14.76	143	220	-35

# ***XTeer HD 6000 20W50***

## **Description**

XTeer Heavy Duty is the most advanced synthetic heavy duty diesel engine oil designed for the latest premium diesel engines as well as conventional engines. It is engineered to provide outstanding lubrication to modern, high performance diesel engines used in severe on-and-off highway applications. The advanced technology in XTeer HD delivers exceptional performance in both modern diesel engines as well as old models.

## **Application**

- All heavy duty vehicles (trucks, buses)
- Construction equipment
- Off-highway vehicles

## **Features / Benefits**

- It provides maximum engine protection under severe workload
- It provides maximum engine performance in the toughest conditions
- It provides sustained engine durability

## **Remarks**

XTeer HD 6000 20W50 meets or exceeds the requirements of

- API CH-4

SAE	Viscosity		Viscosity Index	Flash Point (°C)	Pour Point (°C)
	40°C	100°C			
20W50	184.5	19.65	129	226	-35

# ***XTeer HD 3000***

## **Description**

XTeer HD 3000 is a multi – grade diesel engine oil product for heavy-duty vehicles made of high-quality base oil and excellent additives with outstanding cleanliness and anti – oxidation property.

## **Application**

- All diesel engines including those of Buses, trucks, vans, heavy equipments, Railroad cars, RVs, generators and etc.
- Construction equipment
- Off-highway vehicles

## **Features / Benefits**

- It maintains power output under all operating conditions
- It minimize vibration and noise of engine
- It helps reduce the oil consumption

## **Remarks**

XTeer HD 3000 meets or exceeds the requirements of

- API CF-4

SAE	Viscosity		Viscosity Index	Flash Point (°C)	Pour Point (°C)
	40°C	100°C			
15W40	110.2	14.71	138	236	-33
20W50	155.0	17.72	126	268	-32

# ***XTeer 4T 10W40***

## **Description**

XTeer 4T is the most advanced four-stroke motorcycle engine oil with the latest technology. It will help keep 4-stroke engines running clean protecting even in extreme operating conditions. It is a synthetic motorcycle engine oil utilizing advanced technology which helps to provide outstanding engine protection.

## **Application**

- All 4-cycle sport bikes
- On-road
- Sport bikes
- Off-road 4-cycle motorcycles especially where a 10W-40 viscosity grade is specified

## **Features / Benefits**

- It provides maximum shear stability to help resist viscosity shear down in high performance engines and transmissions.
- It provides enhanced lubrication to help maintain maximum power and acceleration over the life of the engine.
- It provides excellent low temperature flow characteristics to help minimize engine wear during start-up.

## **Remarks**

XTeer 4T meets or exceeds the requirements of

- API SL/CF, JASO MA

SAE	Viscosity		Viscosity Index	Flash Point (°C)	Pour Point (°C)
	40°C	100°C			
10W40	114.0	15.97	150	230	-35

# ***XTeer* ATF 3**

## **Description**

XTeer ATF 3 is the most advanced automatic transmission fluid designed for premium cars with the latest technology. It is suitable and engineered to provide excellent protection against viscosity breakdown. It is a synthetic automatic transmission fluid.

## **Application**

- Automatic transmissions for using Dexron III
- Cars made by HMC

## **Features / Benefits**

- It provides thermal and oxidative stability.
- It provides good wear control to maintain equipment life.
- It provides excellent protection against rust and corrosion

## **Remarks**

XTeer ATF 3 meets or exceeds the requirements of

- Dexron III
- Allison C-4

SAE	Viscosity		Viscosity Index	Flash Point (°C)	Pour Point (°C)
	40°C	100°C			
-	35.02	7.1	171	214	-55

# ***XTeer* ATF SP 4**

## **Description**

XTeer ATF SP 4 is the most advanced automatic transmission fluid designed for premium cars with the latest technology. It is suitable and engineered to provide excellent protection against viscosity breakdown. It is a synthetic automatic transmission fluid.

## **Application**

- Automatic transmissions
- Cars made by HMC

## **Features / Benefits**

- It provides thermal and oxidative stability.
- It provides good wear control to maintain equipment life.
- It provides excellent protection against rust and corrosion

## **Remarks**

XTeer ATF SP 4 meets or exceeds the requirements of

- Hyundai/Kia SP-4
- Mitsubishi SP-4 / Toyota WS
- Nissan Matic Fluids / Honda DW-1

SAE	Viscosity		Viscosity Index	Flash Point (°C)	Pour Point (°C)
	40°C	100°C			
-	27.12	5.5	145	208	-47.5



# ***XTeer Gear Oil 4 80W90***

## **Description**

XTeer Gear Oil 4 is the most advanced manual transmission fluid designed for premium cars with the latest technology. It is suitable and engineered to provide excellent protection against viscosity breakdown. It is specially recommended when the manufacturer specifies GL-4 transmission oil with a viscosity of SAE 80W90.

## **Application**

- GL-4 manual transmissions specified with a viscosity of SAE 80W90

## **Features / Benefits**

- It provides increased protection against wear and tear.
- It provides smooth gear shifting under a variety of temperature.
- It provides excellent protection against rust and corrosion.

## **Remarks**

XTeer Gear Oil 4 meets or exceeds the requirements of

- GL-4

SAE	Viscosity		Viscosity Index	Flash Point (°C)	Pour Point (°C)
	40°C	100°C			
80W90	175.0	17.66	110	230	-22.5

# ***XTeer Gear Oil 5 80W90***

## **Description**

XTeer Gear Oil 5 is the most advanced manual transmission fluid designed for premium cars with the latest technology. It is suitable and engineered to provide excellent protection against viscosity breakdown. It is specially recommended when the manufacturer specifies GL-5 transmission oil with a viscosity of SAE 80W90.

## **Application**

- GL-5 differential gears specified with a viscosity of SAE 80W90

## **Features / Benefits**

- It provides increased protection against wear and tear.
- It provides smooth gear shifting under a variety of temperature.
- It provides excellent protection against rust and corrosion

## **Remarks**

XTeer Gear Oil 5 meets or exceeds the requirements of

- GL-5

SAE	Viscosity		Viscosity Index	Flash Point (°C)	Pour Point (°C)
	40°C	100°C			
80W90	153.7	15.51	104	226	-30

# ***XTeer*** Gear Oil 5 LSD 80W90

## **Description**

XTeer Gear Oil 5 LSD is a auto transmission gear oil made with high-quality base oil and excellent additives. Featuring excellent oxidation stability, wear resistance and anti-foaming property, XTeer Gear Oil 5 LSD is applicable as axle oil for LSD-installed vehicles.

## **Application**

- Axles of LSD(Limited Slip Differential) – installed vehicles (such as heavy equipments, trucks, buses, vans, 4WDs and RVs)

## **Features / Benefits**

- It provides increased protection against wear and tear.
- It provides smooth gear shifting under a variety of temperature.
- It provides excellent protection against rust and corrosion.

## **Remarks**

XTeer Gear Oil 5 meets or exceeds the requirements of

- GL-5 (LSD)
- ZF TE – ML07A
- ZD TE – ML08

SAE	Viscosity		Viscosity Index	Flash Point (°C)	Pour Point (°C)
	40°C	100°C			
80W90	137.5	14.55	105	200	-30



# INDUSTRIAL LUBRICANT

HYUNDAI *XTeer*

# **XTeer R&O VG 32, 46, 68**

## Description

XTeer R&O is a rust and oxidation inhibited hydraulic oil. It is formulated with select additives and designed for use in a variety of industrial applications. It is also suitable for use in applications where a premium R&O product is not required.

## Application

- Applications where a straight mineral oil is required without extreme pressure (EP), detergent, dispersant or anti-wear additives.
- General machine oil
- Low pressure circulating fluid
- Non-Critical hydraulic applications
- Air-tool oil
- Drip or splash lubricant
- Spindle Oil
- Lubrication of light-duty compressors

## Features / Benefits

- Protection against oxidation
- Protection against rust and corrosion
- Low foaming

## Remarks

XTeer R&O meets or exceeds the requirements of

- Parker Denison HF-1
- DIN 51524 Part 1, MIL-H-17672D
- U.S. Steel 126, AFNOR E46-800 HL
- ISO 11158 HL

XTeer R&O VG	Density (15°C, kg/m <sup>3</sup> )	Viscosity		Viscosity Index	Flash Point (°C)	Pour Point (°C)
		40°C	100°C			
32	863.7	32.7	5.61	110	228	-32.5
46	867.2	46.4	7.0	110	230	-32.5
68	871.5	69.3	9.23	109	230	-27.5

# XTeer AW VG 15, 32, 46, 68, 100

## Description

XTeer AW is the best anti-wear hydraulic oil. It is formulated with excellent quality base oil technology and an additive system that provides exceptional oxidation stability, water separability and foam suppression. It is especially exceptional for anti-wear protection.

## Application

Recommended for applications calling for anti-wear, rust and oxidation inhibited Additives including

- Hydraulic systems
- Industrial bearings
- Circulating systems, splash, bath and ring lube systems for bearings and gears
- A myriad of assorted industrial applications: hoists, machine tools, etc.
- Gear sets not requiring an EP gear oil
- Bath, splash circulating or mist systems

## Features / Benefits

- Protection against oxidation
- Low foaming
- Protection against rust and corrosion
- Outstanding wear protection.

## Remarks

XTeer AW meets or exceeds the requirements of

- Parker Denison HF-0 (AW 32, 46, 68)
- Fives Cincinnati P-68 (AW 32), P-70 (AW 46), P-69 (AW 68)
- JCMAS HK (AW 32, 46)
- GM LS-2 LH-04 (AW 32, 46, 68)
- Bosch Rexroth RE 90220
- DIN 51524 Part 2,
- ISO 11158 (HM),
- SAE MS 1004 (HM)
- Eaton Brochure 03-401-2010

XTeer AW VG	Density (15°C, kg/m <sup>3</sup> )	Viscosity		Viscosity Index	Flash Point (°C)	Pour Point (°C)
		40°C	100°C			
15	862.9	15.3	3.45	100	178	-40
32	864.2	32.2	5.53	108	224	-40
46	860.0	45.0	6.87	109	230	-37.5
68	871.2	68.6	9.15	109	240	-37.5
100	873.0	96.0	11.3	104	244	-35

# XTeer HVI VG 32, 46, 68

## Description

XTeer HVI is the best high viscosity anti-wear hydraulic oil. It is formulated with excellent quality base oil technology and an additive system that provides exceptional oxidation stability, water separability and foam suppression. It is especially designed to have a high viscosity index and a low pour point for use over a wider temperature range than conventional anti-wear hydraulic oils.

## Application

Recommended for Industrial and mobile equipment operating in cold weather or in locations subject to wide temperature fluctuations

- Hydraulic systems
- Industrial bearings
- Circulating systems, splash, bath and ring lube systems for bearings and gears
- A myriad of assorted industrial applications: hoists, machine tools, etc.
- Gear sets not requiring an EP gear oil
- Bath, splash circulating or mist systems

## Features / Benefits

- Protection against oxidation
- Protection against rust and corrosion
- Low foaming
- Providing excellent anti-foam properties and rapid air release
- Excellent low-temperature properties for cold start-ups
- High dielectric strength for use in electrical service bucket trucks

## Remarks

XTeer HVI meets or exceeds the requirements of

- Parker Denison HF-0
- Fives Cincinnati P-68, P-70, P-69
- ISO 11158 HV
- SAE MS 1004 HM
- DIN 51524 Part 3,
- Bosch Rexroth RE 90220
- JCMAS HK (HVI 32, 46)
- GM LS-2 LH-04

XTeer HVI VG	Density (15°C, kg/m <sup>3</sup> )	Viscosity		Viscosity Index	Flash Point (°C)	Pour Point (°C)
		40°C	100°C			
32	862.6	32.42	6.351	151	214	-40
46	868.4	45.83	8.17	140	222	-42.5
68	874.2	64.71	10.6	136	238	-47.5



# XTeer IGO VG 100, 150, 220, 320

## Description

XTeer IGO is an outstanding Industrial Gear Oil. It is formulated with excellent quality base oil technology and extreme pressure (EP) additives. It is especially designed to provide great protection against high loads, prevent damage on tooth- and friction surfaces. Furthermore, it shows excellent protection against rust and oxidation, while the excellent demulsification of the product allows easy water drain off.

## Application

Recommended for Enclosed industrial gear drives operating under heavy loads, high peak loads or intermittent shock loads

- Enclosed spur, bevel, helical, herringbone and planetary gear drives
- AGMA EP gear
- Heavily loaded plain
- rolling-element bearings

## Features / Benefits

- High load-carrying capacity for protection against scuffing and wear
- Excellent oxidation resistance and thermal stability
- Excellent deposit control for gearbox cleanliness
- Protects against rust and corrosion
- Fast water separation
- Quick foam release

## Remarks

XTeer IGO meets or exceeds the requirements of

- US Steel 224
- ISO 12925-1 CKC/CKD
- GM LS 2 EP Gear Oil
- AGMA 9005-E02
- DIN 51517 Part 3

XTeer IGO VG	Density (15°C, kg/m <sup>3</sup> )	Viscosity		Viscosity Index	Flash Point (°C)	Pour Point (°C)
		40°C	100°C			
100	875.7	93.2	11.1	104	222	-35
150	880.9	153	15.3	101	236	-25
220	886.6	221	19.4	99	240	-10
320	886.1	298	23.5	98	236	-17.5

# XTeer COMP-P VG 68, 100

## Description

XTeer COMP-P is an extraordinary Compressor Oil. It is formulated with excellent quality base oil technology and a high technology additive system that assures exceptional equipment protection and reliability for compressors operating. It is especially designed to provide excellent wear protection and outstanding resistance to oxidation and thermal. Furthermore, it shows the ability to help reduce maintenance costs through minimizing equipment problems and downstream deposits and carryover.

## Application

Recommended for continuous high temperature operation

- Specifically recommended for reciprocating air compressor
- Units operating under severe conditions

## Features / Benefits

- Oxidation Stability
- Low Evaporation Loss
- Antifoam Properties
- Rust Protection

## Remarks

XTeer COMP-P meets or exceeds the requirements of

- SIEMENS TLV 9013 04
- SIEMENS TLV 9013 05
- ALSTOM HTGD 90117 W0001
- GENERAL ELECTRIC GEK-32568J
- DIN 51515 Part 1, 2

XTeer COMP-P VG	Density (15°C, kg/m <sup>3</sup> )	Viscosity		Viscosity Index	Flash Point (°C)	Pour Point (°C)
		40°C	100°C			
68	820	72.99	9.47	107	240	-30
100	876	108.4	12.26	104	246	-35

# XTeer WAY VG 68

## Description

XTeer WAY is an amazing Sliding Surface Oil. It is formulated with excellent quality base oil technology and a dedicated slide-way lubricant additive package capable of meeting common industry performance specifications and end user expectations. It is specially designed for the lubrication of machine tool slides, tables and feed mechanisms.

## Application

Recommended for Machine tool slide-ways, tables and feed mechanisms

## Features / Benefits

- Strong demulsibility
- Water separation characteristics
- Excellent interaction profiles with metalworking fluid emulsions

## Remarks

XTeer WAY meets or exceeds the requirements of

- Cincinnati Machine Performance P-47

XTeer Way VG	Density (15°C, kg/m <sup>3</sup> )	Viscosity		Viscosity Index	Flash Point (°C)	Pour Point (°C)
		40°C	100°C			
68	871.6	69.03	9.17	108	238	-35

# ***XTeer*** Turbine Oil 32, 46, 100

## Description

XTeer Turbine Oil is a turbine oil made of high quality base oil and additives that is suitable for bearings of steam turbines, gas turbines and hydraulic turbines

## Application

- Steam or gas turbines for industries / power generator / ships
- Bearings of all kinds of compressors (Especially centrifugal compressor)
- Decelerators and governor controls
- Bearings of power plant turbines, Decelerators and generators and Governor controls

## Features / Benefits

- Protection against oxidation
- Protection against rust and corrosion

## Remarks

XTeer Turbine Oil meets or exceeds the requirements of

- Siemens TLV 9013 04
- Alstom HTGD 90117
- General Electric GEK-32568F
- Solar Turbines ES 9-224
- DIN 51515

XTeer Turbine VG	Density (15°C, kg/m <sup>3</sup> )	Viscosity		Viscosity Index	Flash Point (°C)	Pour Point (°C)
		40°C	100°C			
32	852.2	31.53	5.41	105	222	-40
46	857.1	43.63	6.72	107	230	-32.5
100	866.5	96.6	11.2	102	274	-22.5

**GREASE**  
**HYUNDAI *XTeer***

# XTeer Grease - 0, 1, 2, 3

## Description

XTeer Grease series are very suitable for general use, as it is based on high-refined mineral oil and blended with various additives appropriately. It provides outstanding lubrication on many kinds of parts due to excellent extreme pressure, oxidation stability, and anti-wear property.

## Application

- All sorts of bearings under E.P.
- Joint and spline shaft
- Any parts for EP and anti-wear property

## Features / Benefits

- Excellent resistance for extreme pressure
- Good oxidation stability and rust prevention
- Service temperature: -20°C ~ +140°C

## Remarks

- Grease - 0, 1, 2, 3

## Δ Typical Properties

Test Items	0	1	2	3	Test Method
Appearance	Light Brown	Light Brown	Light Brown	Light Brown	-
Worked Penetration (25C)	355~385	310~340	265~295	220~250	ASTM D 217
Dropping Point(C)	193	195	195	195	ASTM D 566
Copper Strip corrosion	1a	1a	1a	1a	ASTM D 4048
Oil Separation (wt%)	7.5	4.6	2.5	2.2	ASTM D 6184
Oxidation Stability(kg/cm2)	0.25	0.25	0.25	0.25	ASTM D 942
Emcor corrosion	Grade 1	Grade 1	Grade 1	Grade 1	DIN 51802

\*ASTM: American Society for Testing & Material

# XTeer Grease EP - 0, 1, 2, 3

## Description

XTeer Grease EP series are very suitable for general use, as it is based on high-refined mineral oil and blended with various additives appropriately. It provides outstanding lubrication on many kinds of parts due to excellent extreme pressure, oxidation stability, and anti-wear property.

## Application

- All sorts of bearings under E.P.
- Joint and spline shaft
- Any parts for EP and anti-wear property

## Features / Benefits

- Excellent resistance for extreme pressure
- Good oxidation stability
- Service temperature: -20°C ~ +140°C

## Remarks

- Grease EP - 0, 1, 2, 3

## Δ Typical Properties

Test Items	EP-0	EP-1	EP-2	EP-3	Test Method
Appearance	Dark Brown	Dark Brown	Dark Brown	Dark Brown	-
Worked Penetration(25C)	355~385	310~340	265~295	220~250	ASTM D 217
Dropping Point(C)	193	195	195	195	ASTM D 566
Copper Strip corrosion	1a	1a	1a	1a	ASTM D 4048
Oil Separation (wt%)	8.5	5.5	2.5	2.0	ASTM D 6184
Oxidation Stability(kg/cm <sup>2</sup> )	0.25	0.25	0.25	0.25	ASTM D 942
4 BALL E.P. (kg)	200	200	200	200	ASTM D 2596
4 BALL wear (mm)	0.75	0.70	0.70	0.63	ASTM D 2266

\*ASTM: American Society for Testing & Material







**HYUNDAI**  
***XTeer***