



# Moly XL Pro-Spec IV XP Synthetic Blend



## ◆ INDUSTRY LEADING BN

MOLY XL PRO-SPEC® IV XP SYNTHETIC BLEND provides you with one engine oil to protect on-highway low emission diesel engines with after treatment devices requiring a CJ-4 engine oil, on-highway pre-2007 diesel engines, Tier 4 off-highway diesel engines and pre-Tier 4 off-highway diesel engines. MOLY XL PRO-SPEC® IV XP SYNTHETIC BLEND is formulated with an industry leading Base Number (BN) of 15. The boosted BN is vital to counteracting the increased acidity found in engines using the EGR and SCR technology systems. To take your diesel engine the extra mile, MOLY XL PRO-SPEC® IV XP SYNTHETIC BLEND contains a BN retention package to extend engine oil drain intervals.



## ◆ PROTECTS AGAINST WEAR

The moly particles in MOLY XL PRO-SPEC® IV XP SYNTHETIC BLEND prevent the metal surfaces of the engine from contacting each other, especially during start-up or extreme pressure conditions. As the load on the engine increases, the moly compound is activated and significantly reduces wear and friction inside the engine. Increased protection against wear means less downtime and extended equipment life.



## ◆ IMPROVES FUEL ECONOMY

Increased temperatures inside an engine can cause premature fatigue and wear, negatively impacting performance and fuel efficiency. MOLY XL PRO-SPEC® IV XP SYNTHETIC BLEND reduces the amount of friction experienced inside the engine. Reduced friction results in cooler operating temperatures, a boost in horsepower, and an improvement in fuel economy.



## ◆ RESISTS OXIDATION

Engine oil that oxidizes can contribute to shortened oil life and premature engine failure. Eliminating the acidification and thickening of engine oil in the presence of high temperatures is crucial in maintaining peak engine performance. MOLY XL PRO-SPEC® IV XP SYNTHETIC BLEND is fortified with anti-oxidants to neutralize acid formation, control soot formation, eliminate deposits and reduce oil consumption, resulting in a cleaner engine and extended drain intervals.



# SPECIFICATIONS

Meets and/or exceeds Allison TES-439 and C-4, MIL-L-2104E, MIL-L-46152E, Caterpillar TO-2, Caterpillar ECF-2, Caterpillar ECF-3, Cummins CES 20081, Cummins CES 20086, DTFR15C100, Detroit Diesel Power Guard 93K21 Detroit Diesel Power Guard 93K214 and 93K218, Detroit Diesel DDC 93K222, Deutz DQC III-10-LA, Deutz DQC III-18LA, Ford WSS-M2C171-F1, Mack EO-N Premium Plus, Mack EO-N Premium Plus 03, Mack EO-O Premium Plus 07, Mack EO-S-4.5, Navistar, ACEA E11-22, E7-22, MAN 3275 and MAN M 3775, MTU Type 2.1, Volvo VDS-2, VDS-3, VDS-4 and VDS-4.5, Global DHD-1, Renault RLD-3, JASO DH-2, A.P.I CF-4, CG-4, CH-4, CI-4, CI-4 Plus, CJ-4, SH, SJ, SL, SM.

	<b>15W/40</b>	<b>10W/30</b>
D-287 API Gravity at 60°F, Typical	27/29	27/29
D-287 Specific Gravity @ 60°F	.87	.86
D-92 Flash Point, °F, COC, Minimum	400°F (204°C)	385°F (196°C)
D-97 Pour Point, °F, Typical	-30°F (-34°C)	-35°F (-37°C)
D-5293 Viscosity @ -25C, Cold Cranking Simulator cP	7000 max	-----
D-5293 Viscosity @ -30°C, Cold Cranking Simulator cP	-----	-----
D-4684 Viscosity @ -25°C, Mini Rotor Viscosimeter-TP1 cP	25,000	-----
D-4684 Viscosity @ -30°C, Mini Rotor Viscosimeter-TP1 cP	-----	21,500
D-446 Viscosity @ 100°C, cSt, Typical	15.5	12.4
D-446 Viscosity @ 40°C, cSt, Typical	119.0	82.0
D-2270 Viscosity Index	150	150
D-874 Sulfated Ash, Wt. %, Maximum	1.68%	1.68%
D-2896 Base Number, mg KOH/g	15	15
D-892 Foam Tendency/Stability:		
Sequence I	0/0	0/0
Sequence II	0/0	0/0
Sequence III	0/0	0/0
Calcium, Wt. %, Typical	0.45	0.45
Zinc, Wt. %, Typical	0.12	0.12
Nitrogen, Wt. %, Typical	0.18	0.18

Handling Information: For safe handling of the product, read the Safety Data Sheet (SDS).

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## TEXAS REFINERY CORP

TEXAS • ONTARIO • SASKATCHEWAN

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