



MOLY XL PRO-SPEC® III Synthetic Blend

- **FORMULATED WITH LIQUID ORGANIC ADDITIVES INCLUDING NON-SETTLING MOLYBDENUM**
- **HIGH QUALITY BASE OIL**
- **COUNTERACTS OXIDATION AND SLUDGING**
- **REDUCES FRICTION AND MINIMIZES WEAR**
- **CONTAINS TBN BOOSTER**
- **ADDED PROTECTION AT EXTREME PRESSURE**

MOLY XL PRO-SPEC® III The MOLY XL Package

MOLY XL PRO-SPEC® III is formulated with very special liquid molybdenum compounds that are completely oil soluble. There is no settling out of the moly compounds and neither are they filtered out. Anti-wear is improved to a higher level because of these special moly products. You will find MOLY XL PRO-SPEC® III also offers protection during times of extreme pressure and many times offers better fuel economy.

MOLY XL PRO-SPEC® III Made With High Quality Base Stock

MOLY XL PRO-SPEC® III is a blend of synthetic oil, which incorporates the purest and finest severely hydrocracked and hydrofinished base stocks available. This unique combination of base stocks means MOLY XL PRO-SPEC® III SYNTHETIC BLEND provides improved oil flow for superior cold cranking protection. In addition, when high engine operating temperatures are encountered, this unique synthetic blend ensures a superior oil film of protection for vital moving engine parts.



MOLY XL PRO-SPEC® III helps provide longer engine life for a variety of equipment through careful selection of base oils and careful blending of superior additives.

The pure and highly refined base stocks of MOLY XL PRO-SPEC® III contribute to an oil with low oil volatility. Because of the base stock's ability to resist oxidation during high heat operation you use less oil due to consumption and evaporation. This means longer service life for the oil, reduced oil consumption yet better engine protection. MOLY PRO-SPEC® III SYNTHETIC BLEND base stock, along with an outstanding additive package, means no varnish, gum or sludge build-up on internal engine parts. This leads to extended equipment life and reduced operating cost.

MOLY XL PRO-SPEC® III Counteracts Oxidation and Sludging

New engine designs subject the engine oil to higher temperatures which coupled with exhaust gases could act as a catalyst for oxidation of the oil. An improperly functioning exhaust gas recirculation (EGR) system can cause much more rapid deterioration of an engine oil. MOLY XL PRO-SPEC® III with its beefed up oxidation inhibitor counteracts oxidation or sludging and routine oil analysis helps to allow longer drain intervals.

MOLY XL PRO-SPEC® III Reduces Friction and Minimizes Wear

The MOLY XL portion of the product reduces friction and minimizes wear at start-up and during operation. Many customers report cooler running engines. Some customers swear they get a boost in horsepower. By reducing friction, the available horsepower is converted to work instead of heat.

MOLY XL PRO-SPEC® III

Contains A Total Base Number (TBN) Booster

MOLY XL PRO-SPEC® III contains numerous new generation additives including a Total Base Number (TBN) booster to help control the extra problems created by exhaust gas recirculation (EGR) systems in new diesel engine designs. The TBN booster along with routine oil analysis helps MOLY XL PRO-SPEC® III extend drain intervals since there is a huge reserve of detergents and dispersants providing extra protection. In addition, superior

detergents provide high temperature cleanliness, control corrosive wear, help suspend soot and neutralize acids.

MOLY XL PRO-SPEC® III

Added Protection at Extreme Pressure

MOLY XL PRO-SPEC® III is formulated with extreme pressure protection. Better protection for engines under heavy loads means dramatic cost savings. Protection under extreme pressure means equipment life and reduced down time expense. MOLY XL PRO-SPEC® III provides the ultimate for your equipment and investment dollars.

SPECIFICATIONS

MOLY XL PRO-SPEC® III SYNTHETIC BLEND

Meets and/or exceeds MIL-L-2104B, MIL-L-2104C, MIL-L-2104D, MIL-L-2104E, MIL-L-46152C, MIL-L-46152D, MIL-L-46152E, CID AA 52039, Caterpillar, Cummins, Cummins CES 20071, Cummins CES 20076, CES 20077 and CES-20078, Detroit Diesel, Detroit Diesel Power Guard 93K214, Mack EO-H, Mack EO-J, Mack EO-K, Mack EO-K/2, Mack EO-L, Mack EO-M, Mack EO-M Plus, Mack EO-N, Mack EO-N Premium Plus 03, Navistar, Allis-Chalmers, Series 3, GM6048M, GM6085M, GM6094M, Ford M2C153E, Ford M2C171B, ACEA, E5/B3/A3, Mercedes Benz MB 228.3, Volvo VDS-2, Volvo VDS-3, Global DHD-1, Chrysler MS-6395-D, A.P.I. CD, CDII, CE, CF-4, CG-4, CH-4, CI-4, SD, SE, SF, SG, SH, SJ, SL.

ASTM TEST METHOD	TESTS	10W/30	15W/40
	Product Code	#6726	#6727
D287	API Gravity	27/29	27/29
D287	Specific Gravity at 60°F, Typical	.87	.88
D-92	Flash Point, °F, COC, Minimum	385°F. (196°C.)	400°F. (204°C.)
D-97	Pour Point, Typical	-35°F. (-37°C.)	-30°F. (-34°C.)
D-5293	Viscosity @ -20°C, Cold Cranking Simulator cP	- - -	7000 max.
D-5293	Viscosity @ -25°C, Cold Cranking Simulator cP	7000 max.	- - -
D-4684	Viscosity @ -25°C, Mini Rotor Viscosimeter-TP1 cP	- - -	21,500
D-4684	Viscosity @ -30°C, Mini Rotor Viscosimeter-TP1 cP	25,500	- - -
D-446	Viscosity @ 100°C, cSt, Typical	12.4	15.5
D-446	Viscosity @ 40°C, cSt, Typical	82.0	119.0
D-446	Viscosity @ 210°F, SUS, Typical	68.0	80.0
D-446	Viscosity @ 100°F, SUS, Typical	380.0	550.0
D-2270	Viscosity Index	150	150
D-847	Sulfated Ash, Wt. %, Maximum	1.72%	1.72%
D-2896	Total Base Number, mg KOH/g	15 Plus	15 Plus
D-664	Total Acid Number, mg KOH/g	2.5	2.5
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	0.14	0.14
	Nitrogen, Wt. %, Typical	0.10	0.10

Handling Information: For safe handling of the product, read the Safety Data Sheet (SDS).
PRO-SPEC® is a registered trademark of Texas Refinery Corp.

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PRINTED IN U.S.A. 5/2014
L306726