



Kroon-Oil introduces new Poly Tech oils

The new Poly Tech line has been introduced to cope with the severest circumstances of the engine. The new technique of using OSP's (Oil Soluble Polyalkylene glycols) as co base oil in engine oil combined with special additional additives will significantly improve the performance of the oil under extreme conditions such as severe cold and stop-start driving conditions such as in traffic jams. Next gen VI Improver have been used which will perform much better than the classic VI Improvers used in engine oils. Other than traditional PAGs, OSP's are compatible with hydrocarbon oils.

Because of a very low pour point and due to a very high viscosity index Poly Tech can be used in high- and low-temperature environments. This makes Poly Tech a very versatile lubricant that offers the best performances possible in terms of oxidation stability, anti-wear, cleaning and deposit control. Moreover, due to Poly Tech's improved cleaning and lubricating capacities the engine will be kept in outstanding condition over a long(er) period of time.

Below we will sum up the benefits of using OSP's in traditional lubricants.

OSP's:

- Improve significantly the deposit control of lubricants.
- Function as a very active friction modifier.
- Improve the solvency of additives in the formulation, does keeping the product in good condition over a long period of time.
- Offer good protection against corrosion in the engine.
- Are mild to seal material used in automotive applications.
- Boost the VI of the lubricant formulation.
- Improve the anti-wear properties of the finished lubricants.
- Improve the oxidation stability of the finished lubricant.
- As Co-base oil it improves the performance of the other base oils in the formulation.
- Excellent cold start properties, even at extremely low temps
- Excellent shear stability due to the use of next gen VI improvers
- Improved fuel economy (very active friction modifiers)



Kroon Oil Poly Tech 5W-30

API SN

ACEA C3

Exceeds the requirements of:

MB-Approval 229.51

VW 502.00/505.00/505.01

Dexos 2

BMW LL-04

Poly Tech 5W-30 is a widely applicable synthetic motor oil with the latest OSP's technique. It contains a well-balanced choice of advanced Mid SAPS additives and is recommended for use in petrol and diesel engines, passenger cars and delivery vans with and without extended oil drain intervals. It is also suitable for extended oil drain intervals, provided that the OEM supports this. Due to the new OSP technique it outperforms all other Mid SAPS oils on the most important aspects of lubrication.

Typicals:

Density at 15 °C, kg/l = 0,854

Viscosity -25 °C, mPa.s = 3980

Viscosity 40 °C, mm²/s = 61,30

Viscosity 100 °C, mm²/s = 11,40

Viscosity Index = 183

Flash Point COC, °C =224

Pour Point, °C = -45

Total Base Number, mgKOH/g = 7,2



Kroon Oil Poly Tech 10W-40

API SN/CF

ACEA A3, B3, B4

Exceeds the requirements of:

VW 502.00/505.00

MB-Approval 229.3/226.5

Porsche, BMW Longlife-01

Voith Type A

Renault RN0700/RN0710

Oil meeting PSA specification B71 2296

Opel GM-LL-B-25

Poly Tech 10W-40 is a full synthetic based oil. The Ester and PAO base oils used in combination with the new OSP technique ensure an ultra-strong lubricating film that not only will be suitable for extreme cold but also is adequate for extreme performances such as in racing.

Typicals:

Density at 15 °C, kg/l = 0,861

Viscosity -25 °C, mPa.s = 4530

Viscosity 40 °C, mm²/s = 97,20

Viscosity 100 °C, mm²/s = 14,90

Viscosity Index = 161

Flash Point COC, °C =228

Pour Point, °C = -48

Total Base Number, mgKOH/g = 9,6



Stationsvägen 5
444 60 Stora Höga
0303-77 83 85
tony@ebo.nu