

## Oil links

**The pieces of paper on this and the next page were found in the desk of the Australia representative of Northland Petroleum (currently hospitalised).**

Influence of aldehydes in make-up oils on antioxidation properties  
<http://bit.ly/1V3O3Ek>

<sup>31</sup>P NMR and Mass Spectrometric studies of the reaction of zinc dialkyldithiophosphates with cumene hydroperoxide. (Part 1). Kinetics and mechanisms of the initial homolytic reaction  
<http://bit.ly/1NKRT0v>

Polymer crystallinity  
<http://bit.ly/20VBpLd>

ZDDP engine oil – The zinc factor  
<http://bit.ly/1TSoAQ0>

Role of certain OCP viscosity modifiers in gel formation and filter blocking tendencies of engine oils  
<http://bit.ly/1TSoLKY>

Formulating flexibility  
<http://bit.ly/1SlqUKc>

New base oils pose a challenge  
<http://bit.ly/1Slr2cD>

Oil specifications  
<http://bit.ly/1RpPsGd>

The history and mechanisms of ZDDP  
<http://bit.ly/1Wem59b>

How polymers work  
<http://bit.ly/1os1ALB>

Solubility parameters: Theory and application  
<http://bit.ly/1KFzSVF>

<sup>31</sup>P NMR study of the mechanism and kinetics of the hydrolysis of zinc(II) O,O-diethyl dithiophosphate and some related compounds  
<http://rsc.li/1o37zqf>

Tech 101: Zinc in oil and its effects on older engines  
<http://bit.ly/1T7zyQS>

© Royal Society of Chemistry

Registered charity number 207890

This resource is shared under a Creative Commons Attribution-NonCommercial-NoDerivatives 4.0 International licence

To view a copy of the license, visit <https://creativecommons.org>

<sup>13</sup>C NMR spectra of model hydroaromatic hydrocarbons and solvents  
<http://1.usa.gov/1V3SH5o>

Motor oil FAQs  
<http://bit.ly/1nYtQoG>

Polymer solutions  
<http://bit.ly/1TSrXq9>

Synthesis and characterisation of olefin copolymers as viscosity modifiers for engine oil (copy and paste to browser)  
<http://bit.ly/1PCXuHd>

Quenching oils and heat treatment fluids information  
<http://bit.ly/20Lw4JO>

Diesel engine lubricants  
<http://bit.ly/1o3a3oA>

The lubricant's nemesis – Oxidation  
<http://bit.ly/1Q926ue>

Insights into organogelation and its kinetics from Hansen solubility parameters. Toward *a priori* predictions of molecular gelation  
<http://bit.ly/1PCYn2q>

Estimation of solubility parameters for some olefin polymers and copolymers by inverse gas chromatography  
<http://bit.ly/1QrxUVB>