

## Nexus Racing Fork Oils

Full Synthetic Ester & PAO Fork Oils

## Product Data Sheet



**Nexus Racing Fork Oils** are high performance, full synthetic, fork oils formulated for use in all suspension forks including those using cartridge and dual chamber systems. Blended with Ester and Polyalphaolefin base oils, **Nexus Racing Fork Oils** are fortified with an advanced additive system delivering ultra-high protection under full racing conditions.

Scientifically formulated, the combination of ultra-shear stable base oils and advanced additives which work together synergistically to ensure **Nexus Racing Fork Oils** deliver exceptional wear protection, and consistent damping performance.

### Applications:

**Nexus Racing Fork Oils** are suitable for SHOWA, KAYABA, OHLINS and WP forks. They are also suitable for any type of upside/down or conventional telescopic fork. They are also suitable for rear damper units.

### Blended With:

Slip-Stick Anti-Friction Additives  
For Smooth, Responsive Damping

### SAE Viscosity:

- 2.5W
- 5W
- 7.5W (Non-SAE)
- 10W
- 15W



**Product Code:** 1739 (2.5W), 1740 (5W), 1741 (7.5W), 1742 (10W), 1743 (15W)

**Product Size:** 1L, 20L, 205L

14.02.19 V1

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### Features and Benefits:

- Reduced friction in the fork tubes due to a special slip-stick anti-friction additive providing smooth, responsive damping.
- Very High Viscosity Index provides consistent damping performance even when heating during racing.
- PAO Ester Synthetic base oils maintain viscosity over a wide temperature range providing consistent performance during races.
- PAO / Ester base oils maintain performance level for long drain intervals.
- Wide viscosity range allows fine tuning of suspension for conditions.
- PAO / Ester plus anti-wear additive provide high film strength for reduced wear.
- Excellent anti foam performance avoids air transfer lowering damping performance.
- Anti-corrosion and seal protection maximise fork life.
- All grades are fully compatible so can be mixed to obtain the required mid-range viscosity for fine tuning suspension.

### Typical Characteristics:

	<b>2.5W</b> (1739)	<b>5W</b> (1740)	<b>7.5W</b> (1741)	<b>10W</b> (1742)	<b>15W</b> (1743)
Density at 15°C (kg/L)	0.82	0.83	0.84	0.85	0.85
Kinematic Viscosity at 40°C mm <sup>2</sup> /s (cSt)	11.4	19.5	24	34	52.3
Kinematic Viscosity at 100°C mm <sup>2</sup> /s (cSt)	4.25	6.9	7.4	9.0	11.9
Viscosity Index	346	364	310	264	231

*\*Typical characteristics are only a guide to industry and are not necessarily manufacturing or marketing specifications and do not constitute a legal liability.*

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### **Storage:**

*All packages should be stored under cover to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C.*

### **Health, Safety and Environment:**

*A Safety Data Sheet (SDS) is available for each product. Users should consult the SDS, and follow the precautions outlined and comply with all laws and regulations concerning its use and disposal. Used packaging material should not be incinerated or exposed to flame. After use, protect your environment. Do not pollute drains, soil or water with used product.*

*The Safety Data Sheet is available at Royal Precision Lubricants website [www.royallubricants.com.au](http://www.royallubricants.com.au) or by email [info@royallubricants.com.au](mailto:info@royallubricants.com.au)*

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