



Synchro 80

Racing

Racing Synchro 80 is a fully synthetic lightweight API GL-4 gearoil, blended to give the very best gear changes in synchromesh gearboxes, whilst providing maximum protection.

Many manufacturers use ATF for in-line and front wheel drive gearboxes and transaxles to take advantage of the low viscosity for better cold gear changes and better fuel consumption. ATF, or similarly used motor oils, do not give long term or high performance protection or good gear change quality.

Racing Synchro 80 has been developed to replace ATF and 30 weight engine oils in all production based gearboxes and will improve gear change speed and reduce notchiness. Racing Synchro 80 is the same 100°C viscosity as some ATF or 30 weight engine oil, but is blended from fully synthetic basestocks - the same as those used in gas turbine engines - which are immensely strong and heat resistant. Special friction modifiers have been added to give a perfect gear change under all conditions.



Racing Synchro 80 is an API GL-4 gearoil. This means it is suitable for all gearboxes and transaxles which use copper based synchromesh hubs or phosphor bronze bearings. GL-5 gearoils often contain sulphur based EP additives to protect right-angle drive

heavily loaded differentials, but which can corrode copper and phosphor bronze. GL-5 gear oils are often very slippery, not allowing synchromesh to work properly. Racing Synchro 80 is, therefore, perfect for heavily loaded competition boxes which would break down ATF or motor oils and would suffer damage from GL-5 gear oils. Racing Synchro 80 should not be used where a manufacturer has called for a GL-5 gear oil.

Racing Synchro 80 can also be used to replace mineral GL-4 90 weight gear oils and 40 weight engine oils in gearboxes. Power losses in the gearbox will be drastically reduced, both hot and cold gear change quality will be improved, fuel consumption will decrease and the synthetic basestock will give better protection.

BENEFITS

- Improves gearchange, hot and cold.
- Provides excellent wear protection under all operating conditions.
- Gives outstanding oxidation resistance.
- Meets OEM requirements for gearboxes and transaxles needing motor oils, GL-1, GL-3, and GL-4 gear oils.
- Being fully synthetic, does not break down with use.

Typical Properties

SAE Viscosity Grade	70W80
API Service Classification	GL-4
Viscosity cSt @ 40 °C	64.0
Viscosity cSt @ 100 °C	10.2
Density @ 15 °C kg/l (IP365)	0.84
Flash Point °C	260
Pour Point °C	-50



Bottled by: Anglo American Oil Company Ltd
Sandford, Wareham Dorset BH20 7QE UK
Tel: +44 (0)1929 551557 Fax: +44 (0)1929 551567