



## MAZDA ROTARY ENGINES AND SYNTHETICS UPDATED

This bulletin is to replace Bulletin 122 and removes the SIN options.

For some time Mazda has stated that it would not warrant the use of synthetic oils in their rotary engines due to issues with carbon-type deposits that form in the unique combustion environment these engines operate under. This has now been extended to partial synthetic products.

However, that statement only applies to “traditional” type synthetic oils that is, PAOs and Esters. This has been checked with Mazda in Japan.

Hence from a Penrite perspective we can recommend the following oils for use in rotary engines (viscosity grade dependent on vehicle type and age).

HPR 5  
HPR 10  
HPR 15  
HPR 30  
HPR Diesel 15  
HRP Diesel  
HPR Gas 10  
HPR Gas  
EDS 5  
EDS 10

SIN 0, SIN 5, SIN 10, SIN 15 and SIN 20 are **not** recommended for use.