

Non-Detergent Motor Oils

DESCRIPTION: Non-Detergent Motor Oils are blended from well-refined petroleum base oils and may be used in older, worn engines with high oil consumption.

APPLICATIONS: Non-Detergent Motor Oils are intended for use where equipment manufacturers recommend straight mineral oils without detergent/dispersant additives. Non-Detergent Motor Oils may be used in the following general purpose applications: SA Motor Oils, GL-1 Gear Oils, general machine oils, low pressure non-critical hydraulic applications, drip oils, spindle oils and light duty compressors.

Hartland Non-Detergent Motor Oils are not recommended for new or newly re-built engines or any late model engines equipped with hydraulic valve lifters.

Suitable for use where and API Service Classification SA is recommended.

SAE GRADE	10	20	30	40	50
ISO Grade	32	68	100	150	220
Pour Point, ° F	-30.0	-30-0	-5.0	5.0	20.0
Gravity, API, 60° F	22.2	24.2	23.4	19.8	24.4
Viscosity Index	50.0	57.0	55.0	50.0	65.0
Viscosity					
cSt @ 40° C	41.5	48.0	138.5	203.5	248.0
cSt @ 100° C	5.5	6.1	10.7	13.9	17.0
SUS @ 100° F	193.0	223.0	641.0	942.0	1149.0
SUS @ 210° F	44.0	46.0	61.7	74.0	8612.0