

ECONO SHIELD

(Non-Detergent Motor Oils)

ECONO SHIELD non-detergent motor oils are high quality mineral oils meeting API Service Classification SA. These oils exhibit good flow characteristics at low temperatures making them suitable for cold weather service.

ECONO SHIELD non-detergent motor oils are recommended for use in engines that require non-detergent motor oils or an oil meeting API Service Classification SA. They may also be used for general lubrication of non-critical applications. **ECONO SHIELD** non-detergent motor oils are not recommended for newly rebuilt engines or any late model vehicles.

ECONO SHIELD non-detergent motor oils are especially effective in the lubrication of bearings, chains, slides, etc. that are lubricated on a once through basis.

BENEFITS:

- MEETING API SA
- GOOD LOW TEMPERATURE FLOW PROPERTIES
- ALSO SUITABLE FOR “ONCE THROUGH” LUBRICATION

TYPICAL CHARACTERISTICS

Product Code	11915	11925	11935	11945	11955
SAE Viscosity Grade	10	20	30	40	50
API Gravity (ASTM D-1298)	27.5	22	24.5	24.0	25.9
Viscosity (ASTM D-445):					
cSt @ 40°C	30	72	140	160	236
cSt @ 100°C	4.7	7.7	11.0	12.7	18.7
SUS @ 100°F	156	378	750	840	1255
SUS @ 210°F	42	52	64	71	96
Viscosity Index (ASTM D-2270)	54	57	41	60	88
Pour Point (ASTM D-97) °F (°C)	10 (-12)	5 (-15)	10 (-12)	10 (-12)	10 (-12)
Flash Point (ASTM D-92)					
°F	390	400	410	430	445
(°C)	(199)	(204)	(210)	(221)	(229)
Color (ASTM D-1500)	1.5	2.0	3.0	3.0	3.5

The above data is subject to usual manufacturing variation. For more information and availability, call 1-800-442-LUBE.
3/26/02