TRIPTON® ENGINE OILS CI-4/SN; FULLY SYNTHETIC HEAVY Duty Diesel and STABLE ENGINE OILS

DESCRIPTION:

- Premium grade diesel engine oil that provides excellent protection for newer, high performance engines that are used in the toughest on road and off road applications.
- Shown to be versatile as well as able to meet the grueling demands of today's low emission diesel engines, as well as the older models which are using both low and high sulfur fuels.
- Recommended for use in a variety of heavy duty applications as well as operating environments.

FEATURES/BENEFITS:

TRIPTON® MAXLIFE-H4 OILS:

- Performs well in low emission diesel engines which increase the demands on engine lubricants.
- Delivers the best performance in these late model engines, as well as older engines.
- Has stay-in-grade sheer stability.
- Maximizes oil flow to the critical bearing surfaces during start up.
- Contains properties which provide anti-wear and anti-scuff.
- Contains extended TBN reserves which provide improved acid neutralization and corrosion protection.
- Extended drain capabilities @ normal service (UP TO 250 working hours).
- Meets the manufacturer's warranty requirements of CI-4.

APPLICATIONS:

- ✓ On the highway applications for light and heavy duty trucking.
- ✓ Off the highway applications such as trucking, construction, agriculture and quarrying.
- ✓ **TRIPTON® CI4** engine oils are recommended for use wherever the following European standards are specified: ACEA A5/B5, A3/B4, A3/B3, A1/B1 / E7, E6, E5, E3, E2 and E1.

Physical and Chemical Properties

Property	ASTM's	Values	Values	Values	Values
SAE Grade	-	5W30	5W40	10W40	15W40
API Service	-	CI-4/SN	CI-4/SN	CI-4/SN	CI-4/SN
Density @ 15 °C/ CC/g	D1298	> 0.840	> 0.845	> 0.845	> 0.850
Viscosity Index	D2270	> 145	> 145	> 140	> 135
Viscosity @ 40 °C; cSt	D445	> 66	> 105	> 112	> 115
Viscosity @ 100 °C; cSt	D445	> 10.5	> 14.5	> 14.5	> 15.0
Low Temperature Visc. (< 66K cSt)	D445	@ -35 °C	@ -35 °C	@ -30 °C	@ -25 °C
Pour Point °C	D97	< -40	< -40	< -35	< -27
Flash Point (COC) °C	D92	> 220	> 210	> 210	> 220
Shearing Stability Vis. (SSI) 3hrs@ 100 °C after 30 cyc, min	D7109	9.3	12.5	12.5	12.5
Evaporation Loss (Noak Weight loss after 1hrs at 250°C) max	D5800	9	9	8	8
TBN, mg KOH/g	D2896	> 12.0	> 12.0	> 12.0	> 12.0
Phosphorus Content, %wt	D4628	0.06-0.08	< 0.10	< 0.10	< 0.10
Sulfated Ash %w	D874	> 1.0	> 1.0	> 1.0	> 1.0

The above values may vary within commercially accepted tolerances.

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Adra Industrial City – Chemical 2
Damascus-Syria

Packing:
The products are available in the following:

Code	TRL13xy75-01	TRL13xy75-02	TRL13xy75-04	TRL13xy75-05	TRL13xy75-06
Pack (L)	200 L	20 L	5 L	4 L	1 L

Expiration date: *The recommended shelf life for these oils is typically 5 years from manufacturing date when stored properly in the original sealed containers.*

HANDLING AND STORAGE

Precautions for safe handling: Keep away from sources of ignition. No naked lights. No smoking. Do no eat, drink or smoke when using this product. Wash hands and other exposed areas with soap and water before leaving work. **Specific end use(s)**: Use only as engine oil.	**Storage**: All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

Health, Safety & Environment
Health and Safety

TRIPTON® Products are no any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.

Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.

Protect the Environment: Take used oil to an authorized collection point. Do not discharge into drains, soil or water.