

LUBRICANTS FOR AUTOMOTION. HEAVY DIESEL

TRACTION 10W30



DESCRIPTION

High performance Heavy Diesel motor oil with "MILD EXTEND DRAIN" qualification, for light and heavy EURO III and earlier diesel engines, under severe conditions of use and requiring oils with high soot control.

PRODUCT APPLICATIONS

- Especially indicated for all types of machinery that require an API CH-4 type lubricant.
- All types of industrial vehicles with late-generation engines. Light vehicles in urban services with frequent starts and stops.
- Adequate for vehicles with emission control (EURO III).
- For vehicles in urban traffic, that are subject to stringent exhaust emissions controls.
- Light vehicles in urban services with frequent starts and stops.

PRODUCT PERFORMANCE

- Product made with a mixture of first refining and hydrocracked bases, which gives it excellent qualities at low temperature, with high resistance to freezing even in extreme climates.
- Due to its low viscosity at operating temperature, it reduces the internal friction of the engine, facilitating operation and favouring fuel savings compared to SAE 15W-40 oils.
- Very high control of soot in the crankcase, in EURO III and EPA (American) engines, avoiding excessive oil thickening, filter blockage and wear of the valve train transmission.
- High foam control for designs that require oil as hydraulic fluid to drive the diesel injection system.
- A highly cost-effective product, it is ideal for Urban and Public Works services, with normal oil change intervals.

- API CH-4

QUALITY LEVELS

TYPICAL CHARACTERISTICS

CHARACTERISTIC	UNITS	METHOD	TRACTION 10W30
SAE Grade	-	-	10W30
Density at 15°C	g/ml	ASTM D 4052	0.880
Viscosity at 100°C	cSt	ASTM D 445	11.59
Viscosity at 40° C	cSt	ASTM D 445	76.07
Viscosity index	-	ASTM D 2270	146
CCS viscosity at -25°C	cP	ASTM D 5293	6000
Freezing point	°C	ASTM D 97	-36
Flash point, V/A	°C	ASTM D 92	>200
Base number, TBN	mg KOH/g	ASTM D 2896	9.2
Sulphated ash	% (m/m)	ASTM D 874	1.2

HEALTH & SAFETY AND ENVIRONMENT

A Safety Data Sheet providing information on product hazards, handling precautions, first aid measures, and relevant environmental data is available for this product as per applicable legislation.