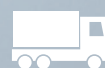




Hengst Type	Description 1	Description 2	Packing Litre	Packing Unit
X1540S-1	15W-40 PRO HD LA	Multigrade Engine Oil	1	12/624
X1540S-4	15W-40 PRO HD LA	Multigrade Engine Oil	4	4/192
X1540S-20	15W-40 PRO HD LA	Multigrade Engine Oil	20	1/45
X1540S-205	15W-40 PRO HD LA	Multigrade Engine Oil	205	1/4
X1540S-1K	15W-40 PRO HD LA	Multigrade Engine Oil	1000	1/1



15W-40 PRO HD LA

MULTIGRADE ENGINE OIL

This is a “Low SAPS” oil, made of specially selected, high-quality base oils and a customized additive package, in order to meet Euro V, EURO VI and U.S. EPA 07 emission standards. Compared to other motor oils, it offers exceptional protection against wear and guarantees lower pollution.

Applications

Suitable for all four-stroke diesel Euro V and Euro VI engines of trucks, with or without catalysts (e.g. SCR) or particulate filter. Meets most American and European manufacturers requirements and can also be used in older engines (Euro III and IV).

Features

After treatment protection: full after treatment system protection. Total engine protection: outstanding engine cleanliness and durability. Drain interval extension: long oil drain interval.

Specification Levels

API CJ-4/SN	DETROIT DIESEL 93K218	MAN M3575
API CI-4+	DEUTZ DQC-III-10 LA	MB 228.31
CATERPILLAR ECF-2	GLOBAL DHD-1	MTU OIL CAT. 2.1
CATERPILLAR ECF-3	JASO DH-2	RENAULT RLD-3
CUMMINS CES 20081	MACK EO-N PREMIUM PLUS	VOLVO VDZ-4

Typical Characteristics

Test	Method	Unit	Average Results
Density at 15°C	ASTM D4052	g/ml	0.864
Kinematic viscosity at 40°C	ASTM D445	mm ² /s	93.1
Kinematic viscosity at 100°C	ASTM D445	mm ² /s	13.6
Viscosity index	ASTM D2270	-	147
B.N. (HCL04 method)	ASTM D2896	mg KOH/g	9.9
Pour point	ASTM D6892	°C	-36
Sulfated Ash	ASTM D874	Mass %	1.0
Flash Point COC	ASTM D92	°C	225
CCS viscosity at -20°C	ASTM D5293	mPa.s	4000