

TITAN UNIVERSAL HD SAE 40

High Performance Monograde Engine Oil for gasoline and diesel engines. Specifically developed for off-road vehicles. Depending upon manufacturer regulation also in other aggregates applicable.

Description

TITAN UNIVERSAL HD is used for the necessary streamlining of lubricants, above all for vehicle and equipment fleets. The right engine oil is available with TITAN UNIVERSAL HD. Whether continuously at full throttle, or in STOP and GO operation, TITAN UNIVERSAL HD protects against wear, deposits and corrosion all the time with the lowest oil consumption. Another important point for use in practice; engine lubricated with TITAN UNIVERSAL HD have no sacrifices in performance because of unallowable deposits in the combustion chambers. TITAN UNIVERSAL HD provides for proper function of hydraulic valve lifters (hydraulic valve compensation) even during extended oil change intervals.

Application

Under normal usage conditions, in properly maintained engines, the performance capability of the TITAN UNIVERSAL HD additives makes possible oil and filter change intervals up to 30,000 km and/or 500 operating hours. TITAN UNIVERSAL HD is miscible and compatible with conventional branded engine oils. However, intermixtures with other engine oils should be avoided in order to fully utilize the product's benefits. Respectively a complete oil change is recommended when converting to TITAN UNIVERSAL HD. For information on product safety and proper disposal please refer to the latest Safety Data Sheet.

Advantages/Benefits

- No residue in the combustion chambers, on valve and piston or on exhaust gas turbines of turbochargers
- active over the long term and makes possible the full utilization of the oil and filter change intervals
- offers the lowest oil consumption

Specifications

- -

Approvals

- DEUTZ DQC I-02
- MB-APPROVAL 228.2
- MB-APPROVAL 235.12
- MTU DDC TYPE 2
- ZF TE-ML 04B (ZF001190)

FUCHS Recommendations

- ACEA E2
- API CF-2/CF-4/SG
- MIL-L-2104 D
- ALLISON C-4
- CAT TO-2
- MAN 270
- ZF TE-ML 02C

Product Information



CHARACTERISTICS

Density @ 15 °C	DIN 51757	0.897	g/ml
Kinematic Viscosity @ 40 °C	DIN 51562-1	130	mm ² /s
Kinematic Viscosity @ 100 °C	DIN 51562-1	14.6	mm ² /s
Viscosity Index	DIN ISO 2909	101	-
HTHS	CEC-L-36-A-90	≥3.5	mPa*s
Total Base Number	ASTM D2896/IP 276	9.4	mg KOH/g
Pour Point	DIN ISO 3016	-15	°C
Sulfated Ash	ASTM D874	≤ 2.0	% m/m
Product dyeing	DIN 10964	none	-

Product Code: 2167
Last Update: 25/11/2020