



# CASSTURBO HD FORCE 15W40 CH-4

## PRODUCT DATA SHEET

CASSTURBO HD FORCE 15W40 CH-4 is a high-performance diesel engine oil that provides protection of turbocharged and naturally aspirated diesel engines operating on and off highway conditions. This high-quality multigrade formulation is developed to provide optimal lubrication in any operating condition, temperature and operating speeds. CASSTURBO HD FORCE 15W40 CH-4 ensures engine and oil durability as it is formulated from superior quality high viscosity index base oil and superior additive technology. CASSTURBO HD FORCE 15W40 CH-4 is designed to work optimally under extreme operating loads and ensures lesser oil degradation compared to other oils.

## PERFORMANCE

Meets the requirements of SAE 15W-40, API CH-4

## APPLICATION

CASSTURBO HD FORCE 15W40 CH-4 can be used in light and heavy commercial cars, Sports Utility Vehicles, Multi-Utility Vehicles, generators, and other vehicles used in truck fleet, mining, construction, quarrying, agriculture etc. that use diesel as the primary fuel source. OEM recommended oil drain interval is to be followed.

## PRODUCT BENEFITS

- Compatibility with catalytic convertors and other exhaust system parts.
- Reduced maintenance and operating costs as the oil offers maximum engine protection under normal operating conditions.
- Excellent Anti-Wear property that provides protection to various critical engine parts such as cylinder liner, piston rings, valves, cams etc. which increases engine life.
- Multigrade oil advantage which protects engine parts at the point of engine start up.
- Reduced propensity of sludge deposits which ensures superior engine cleanliness during normal operation.
- Optimal oil performance even at higher engine operating load and temperature.
- Reduced propensity of oil thickening and oxidation thereby reducing oil consumption under normal operating conditions.
- Excellent corrosion protection, even when engine is off.

# CASSTURBO HD FORCE 15W40 CH-4

Test Parameters	Test Methods	Typical Values
Appearance	Visual	Clear
Colour	Visual	Brown
Density at 300C (g/ml)	ASTM D 1298	869
Kinematic Viscosity at 400C (cSt)	ASTM D445	116
Kinematic Viscosity at 1000C (cSt)	ASTM D445	15.2
Viscosity Index	ASTM D 2270	137
Pour Point (0C)	ASTM D 97	-33
Flash Point (COC) (0C)	ASTM D 93	230
TBN (mg KOH/g)	ASTM D 2896B	9

## STORAGE

All packages should be stored under cover and should not be stored where ambient temperature exceeds 60°C or freezing conditions. To avoid ingress of water and damage, drums should be stored horizontally if they are stored outside. Follow MSDS for further instructions on storage, safe handling, and disposal of the product.