

# TIGER PLUS

## 20W50 CH-4/SJ

**TIGER PLUS-CH-4/SL/SJ is a premium top quality semi synthetic automotive engine oil meeting obsolete, current and future engine oil performance level, its a sever duty engine oil formulated special for high speed, four stroke diesel engines designed to meet exhaust emission standards, particularly European and american standard. By combination of high performance hydro-cracked base fluids and special balanced metallic detergent and ashes dispersant additive system provides excellent overall engine cleanliness in all service conditions.**

### APPLICATIONS

This oil can be used as mixed fleet engine oil for heavy duty diesel vehicles and passenger cars. Its long drain capability meets the requirement of VOLVO, SCANIA, MAN, MERCEDES-BENZ, RVI/MACK, CATERPILLAR, RENAULT and CUMMINS manufacturers. It is recommended for both on-highway and off highway vehicles fitted with new engines for low emissions and old engines of conventional design fueled by low and high sulfur diesel fuels.

### FEATURES

Mixed fleet engine oil for American, European and Japanese vehicles. universal engine oil for old and new diesel engines filled by both high and low sulfur diesel. proven field tested engine oil with extended drain period capability. Effective control over high temperature piston deposits and soot accumulation. Excellent TBN retention for high sulfur diesel fuel operation. Exceptional oxidation stability protects against the formation of gum and varnish at elevated temperatures.

### SPECIFICATION LEVEL

TIGER PLUS- CH-4/SL/SJ meets and exceeds the requirements of API CH-4/CG-4/CF-4/SJ . ACEA; E3, E5/ E7. MB-228.3/229.1, SCANIA E3. MAN 271, VOLVO VDS-2. GM ALLISON C-4, CUMMINS CES 20071, 20072, 20075. IT is an ideal mixed fleet engine oil meeting API CH-4/SL/SJ and ACEA E3/E2/A3/B3/B4. the additive chemistry used in the manufacturing has proven its performance in the field.

### TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Kinematic viscosity at 100°C	ASTM D445	mm <sup>2</sup> /s	19.00
Viscosity index	ASTM D2270		140
Pour point	ASTM D6892	°C	-27
Flash Point COC	ASTM D92	°C	240
TBN	ASTM D2896	mg KOH/g	11.2
Apparent Viscosity, cP	ASTM D5293	mPa.s	7800

We reserve the right to alter the general characteristics of our products in order to let our customers benefit of the latest technical evolutions.

**Black Tiger**

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