



TCC (Typical Chemical Characteristics)

HERCULES L9 SAE 10W-40, 10W-30 & 15W-40

Description:

EN:

Top tier synthetic Low SAPS technology engine oil with high quality additives and for Ultra High Performance Diesel (UHPD) engines meeting Euro I, II, III, IV, V & VI and running under very severe conditions. It is strongly recommended for engines equipped with EGR, with SCR NOx reduction system and or not equipped with diesel particulate filters.

EL:

Συνθετικά λιπαντικά τεχνολογίας Low SAPS για άκρως υψηλής απόδοσης πετρελαιοκινητήρες (UHPD). Είναι ειδικά σχεδιασμένα ώστε να αντέχουν για μεγάλα διαστήματα αλλαγών σε νέας γενιάς κινητήρες που είναι εφοδιασμένοι με ειδικούς καταλύτες σωματιδίων DPF, καθώς και συστήματα EGR με αιθαλοπαγίδες αλλά και συστήματα μείωσης ρύπων SCR Nox.

DE:

Erstklassiges synthetisches Motoröl der Low SAPS Technologie mit Additiven höchster Qualität für Ultra- Hochleistungs-Dieselmotoren (UHPD) nach Euro I, II, III, IV, V & VI unter besonders harten Betriebsbedingungen. Besonders empfehlenswert für Motoren mit EGR, mit SCR NOx Reduktionssystem und ohne Dieselpartikelfilter.

FR:

Huile haut de gamme pour moteur synthétique de technologie "Low SAPS" avec des additifs de haute qualité et pour moteurs de haute performance Diesel Ultra (UHPD) répondant aux Euro I, II, III, IV, V & VI et fonctionnant dans des conditions très difficiles. Fortement recommandée pour les moteurs équipés d'EGR, avec système de réduction SCR NOx et ou non équipés de filtres à particules diesel.

RU:

Высший эшелон синтетических моторных масел, созданных по технологии Low SAPS с добавлением высококачественных присадок, которые предназначены для сверхмощных дизельных двигателей (UHPD), соответствующих требованиям Евро I, II, III, IV, V & VI и работающих в тяжелых эксплуатационных условиях. Настоятельно рекомендуется для двигателей, оснащенных системами рециркуляции отработавших газов, системами очистки от оксидов азота на основе селективного каталитического восстановления или не оснащенных сажевым фильтром.

PO:

Óleo de motor de nível superior, sintético com tecnologia Low SAPS e com aditivos de alta qualidade para motores Diesel de alto desempenho (UHPD) que atendem às normas Euro I, II, III, IV, V e VI, funcionamento excelente sob condições muito severas. É altamente recomendado para motores equipados com EGR, com sistema de redução de SCR NOx e ou não equipados com filtros de partículas de diesel.

RS Laboratory: 08.12.2022

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TCC (Typical Chemical Characteristics)

HERCULES L9 SAE 10W-40, 10W-30 & 15W-40

Characteristics:

Property	Method	Unit	SAE 10W-40	SAE 10W-30	SAE 15W-40
Code	-	-	RDHL9104	RDHL9103	RDHL9154
Specific Gravity 15°C	ASTM D 1298	kg/L	0,878	0,876	0,880
Viscosity at 100°C	ASTM D 445	cSt	12,5 - 16,3	9,3 - 12,5	12,5 - 16,3
Viscosity Index	-	-	>145	>140	>135
Pour Point	ASTM D 97	°C	<-35	<-35	<-35
Flash Point	ASTM D 92	°C	>210	>210	>210
Total Base Number	ASTM D 2896	mgKOH/g	>9,5	>9,5	>9,5
Color	-	-	-	-	-
Cold Cranking Simulator	ASTM D 5293	mPa-s	<7000 @ -25°C	<7000 @ -25°C	<7000 @ -20°C

Specifications:

SAE 10W-40:

ACEA: E7 & E9, API: CK-4, JASO: DH-2, MB 228.31, MAN M3575, Iveco TLS-E9, Volvo VDS-4.5, Renault RLD-4, Ford WSS-M2C171-F1, Mack EOS-4.5, MTU Type 2.1, Deutz DQC III-10 LA, Detroit Diesel DFS-93K222, Caterpillar ECF-3 & Cummins CES 20086

5L	18L	60L	204L
379104057	379104187	379104607	379104247

SAE 10W-30:

ACEA: E7 & E9, API: CK-4, JASO: DH-2, MB 228.31, MAN M3575, Ford WSS-M2C171-F1, Volvo VDS-4.5, MTU Type 2.1, Renault RLD-4, Mack EOS-4.5, Deutz DQC III-10 LA, Detroit Diesel DFS-93K222, Caterpillar ECF-3 & Cummins CES 20086

5L	18L	60L	204L
379103057	379103187	379103607	379103247

SAE 15W-40:

ACEA: E7 & E9, API: CK-4/SN, MB 228.31, MAN M3575, Volvo VDS-4.5, Renault RLD-4, Iveco T2, Ford WSS-M2C171-F1, Mack EOS-4.5, Deutz DQC III-10 LA, MTU Type 2.1, Detroit Diesel DFS-93K222, Caterpillar ECF-3 & Cummins CES 20086

5L	18L	60L	204L
379154057	379154187	379154607	379154247

Package:

4x5L Carton / 1x18L Pail / 1x60L Mini-Drum / 1x204L Drum



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